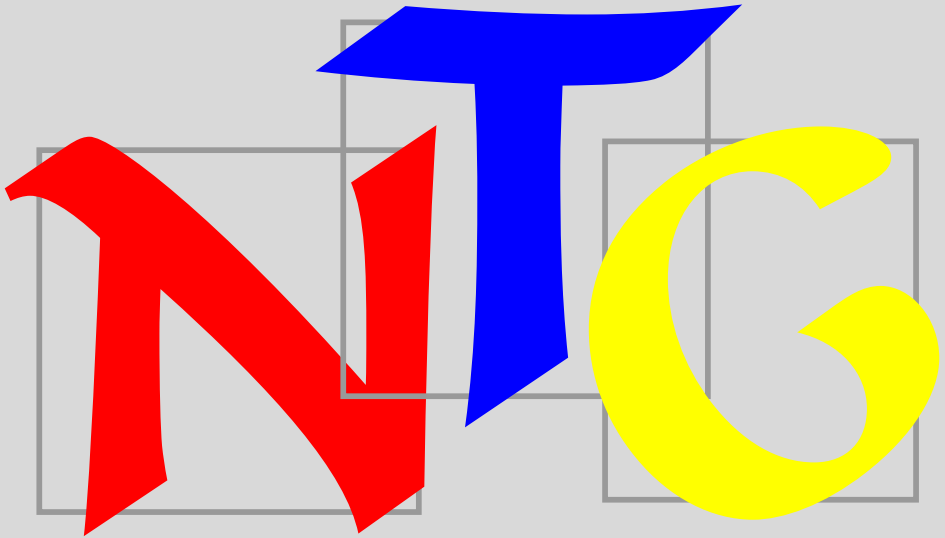

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Proceedings of the ...
MAPS 16 1996
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MAPS 1 1988

Verslag TEX
Listserver
TEXHaX
TEX publications information

Verslag TEX

Opening en Mededelingen; Introductie deelnemers; Brainstorming TEX aandachtsgebieden; Instellen werkgroepen voor de aandachtsgebieden; Formele zaken; Rondvraag; Sluiting.

◀ report ▶
◀ members meeting ▶

◀ Gerard van Nes ▶

MAPS 1 1988

p 1-10 126 kB

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Listserver

Overzicht gebruikers listserver.

MAPS 1 1988

p 13-14 55 kB

TEXHaX

Information on subscribing to TEXHaX.

MAPS 1 1988

p 15-16 41 kB

TEX publications information

Information on TEX mailing lists.

MAPS 1 1988

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MAPS 2 1989

Verslag (1989/1)
Werkgroepen Nederlandse TEX gebruikersgroep
Besluitenlijst
Lijst actiepunten
VAX DOCUMENT
Boeken over TEX
TEX-NL ledenlijst

Verslag (1989/1)

Opening; Agenda bijeenkomst 23 juni 1988; Ingekomen stukken en Mededelingen; Ledenbestand status en contributie; Vragen gebruikers; Verslag/discussie werkgroepen; Rondvraag; Presentaties; Sluiting.

◂ Gerard van Nes ▸

MAPS 2 1989

p 2-12 145 kB

Werkgroepen Nederlandse TEX gebruikersgroep

Verslag werkgroepen.

MAPS 2 1989

p 13-14 68 kB

Besluitenlijst

geen samenvatting (no abstract)

MAPS 2 1989

p 15 52 kB

Lijst actiepunten

geen samenvatting (no abstract)

VAX DOCUMENT

VAX DOCUMENT is een commerciële toepassing die op TEX gebaseerd is. Aanvankelijk binnen Digital Equipment Co. ontwikkeld voor intern gebruik voor productie van alle VAX/VMS documentatie en s/w produkten, maar nu ook in gebruikerslicensie voor VAX/VMS gebruikers verkrijgbaar. Vanaf VMS V4 is het resultaat hiervan te zien.

◀ Theo de Klerk ▶

MAPS 2 1989

Boeken over TEX

Bespreking ‘Einführung in TEX’ (Norbert Schwartz); ‘TEX für Fortgeschrittene’ (Wolfgang Appelt); ‘LATEX eine Einführung’ (Helmut Kopka); ‘Kompaktführer LATEX’ (Reinhard Wonneberger)

◂ Theo de Klerk ▸

MAPS 2 1989

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Verslag (1989/2)
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High Quality Printing of TEX-DVI
A dBase III+ programme to generate a journal
TEX en SGML
Ervaringen met fotozetters
Verslag GUTenberg (16/17 mei 1989)
One year NTG; presentatie NTG in Utrecht en Karlsruhe
Verslag Nederlandse TEX dagen (29/30 juni 1989)
Verslag Stanford conferentie (20/23 aug 1989)

Verslag (1989/2)

Opening; Verslag bijeenkomst 24 november 1988; Ingekomen stukken en Mededelingen; Verenigingszaken; Verslag/discussie werkgroepen; Vragen gebruikers; Rondvraag; Presentatie Océ 6750 (TEX)-laserprinter; Sluiting.

◀ Gerard van Nes ▶

MAPS 3 1989

Werkgroepen Nederlandstalige TEX gebruikersgroep

Verslag werkgroepen.

MAPS 3 1989

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Besluitenlijst

geen samenvatting (no abstract)

MAPS 3 1989

p 11 39 kB

Lijst actiepunten

geen samenvatting (no abstract)

MAPS 3 1989

p 11 39 kB

Ontvangen local guides en andere TEX documenten

Overzicht ontvangen local guides.

TEX-NL subscription

Overzicht gebruikers listserver.

◀ listserver ▶
◀ TEX-NL ▶

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NTG fileserver faciliteiten

Overzicht inhoud NTG fileserver.

MAPS 3 1989

p 15-18 74 kB

Vragen van gebruikers

Deze bijlage bevat de ‘vragen van de gebruikers’ die gesteld zijn ten tijde van de NTG vergadering van mei 1989.

MAPS 3 1989

p 19-24 64 kB

High Quality Printing of TEX-DVI

Deze bijlage bevat de presentatie van Océ, gehouden op de NTG bijeenkomst van 11 mei 1989.

high quality ...
Océ
laser printers
Digital Equipment

Marius Broeren
Jan van ...

MAPS 3 1989

p 25-28 115 kB

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A dBase III+ programme to generate a journal

This is a note about the implementation of a combination of dBase III+ and TEX.

Piet Roes

MAPS 3 1989

p 29-30 90 kB

TEX en SGML

The markup of document elements via SGML is demonstrated with a few examples.

◀ math ▶
◀ SGML ▶
◀ tables ▶

◀ Kees van der Laan ▶

MAPS 3 1989

p 31-42 243 kB

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Ervaringen met fotozetters

Sinds enige tijd bestaat de mogelijkheid om bij A.J. Scholten – Transcripta fotozetsel van TEX/dvi-files te laten maken. Het grote voordeel van Transcripta is dat er uitsluitend met TEX gewerkt wordt en derhalve zeer veel deskundigheid bij het bedrijf in huis is. Men beschikt over een Linotronic 100, die een resolutie levert van 1270 dpi.

Geerd Haayer

MAPS 3 1989

p 43-44 78 kB

Verslag GUTenberg (16/17 mei 1989)

Thema: Grafische zaken en (La)TEX, met name picture omgeving en PostScript.

◀ Kees van der Laan ▶

MAPS 3 1989

p 45-48 140 kB

One year NTG; presentatie NTG in Utrecht en Karlsruhe

A history of the start of the NTG is given along with a survey of this first years' activities. The relation of NTG to other TUGs is also dealt with.

◀ Kees van der Laan ▶

MAPS 3 1989

p 49-56 201 kB

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publications keywords authors titles introduction previous next search exit

Verslag Nederlandse TEX dagen (29/30 juni 1989)

The Dutch TEX Users Group, in Dutch 'Nederlandse TEX Gebruikersgroep' or NTG, was started about one year ago in Groningen. At the meeting in the autumn of 1988 it was decided to have a first presentation to 'the outside world' in the summer of 1989.

◀ Victor Eijkhout ▶
◀ Nico Poppelier ▶

MAPS 3 1989

p 57-60 145 kB

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Verslag Stanford conferentie (20/23 aug 1989)

Inhoudelijk:

- TEX wordt aangepast o.a. ligaturen en `\language`;
- LATEX aanpassing wordt niet door Leslie Lamport opgepakt, Frank M?

Organisatorisch:

- Lokale voorzitters vice presidents van BoD van TUG;
- TUGboat artikelen nu ook met Duitse samenvatting;
- Michael F coordinator multilingual aspecten;
- TEXHaX distributie onder auspiciën van TUG.

Producten:

- TEX templates bij Hope Hamilton;
- Wordperfect-LATEX macro's bij Anita Hoover (of mij);
- Michael D's Gentle TEX beschikbaar (of mij);
- KWIC van LATEX en TEX opdrachten beschikbaar als Bell rapport;
- ArborTEXt's The Publisher volwassen.

◀ Kees van der Laan ▶

MAPS 3 1989

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Besluitenlijst
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Announcement TEX90 Conference
Announcement SGML & TEX Conference
Courses SGML & TEX Conference
TEX-NL discussies
Working group 1: Education; State of affairs
Werkgroep 7: PC-zaken
Werkgroep 10: SGML-TEX
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Werkgroep 14: Communicatie
The Development of National LATEX styles
Unusual paragraph shapes
Ingekomen brief
EuroTEX 89

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Verslag (1990)

Opening; Verslag bijeenkomst 11 mei 1989; Ingekomen stukken en Mededelingen; Verslag/discussie werkgroepen; Verenigingszaken; Rondvraag; Sluiting.

◂Gerard van Nes▸

MAPS 4 1990

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Besluitenlijst

geen samenvatting (no abstract)

MAPS 4 1990

p 10 8 kB

TEX kalender

geen samenvatting (no abstract)

MAPS 4 1990

p 10 8 kB

Werkgroepen Nederlandstalige TEX Gebruikersgroep

Verslag werkgroepen.

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TEX-NL subscription

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MAPS 4 1990

p 19-22 20 kB

Vragen van gebruikers

geen samenvatting (no abstract)

MAPS 4 1990

p 23-26 14 kB

NTG Software Distributie Service

geen samenvatting (no abstract)

MAPS 4 1990

p 27-28 17 kB

NTG DOS-diskette Distributie Service

geen samenvatting (no abstract)

MAPS 4 1990

p 29-30 17 kB

Announcement TEX90 Conference

The 1990 TEX meeting in Europe is the fifth such conference organised since 1985. It also breaks new ground as the first to be a TEX Users Group (TUG) meeting outside North America. The TEX computer typesetting program is now widely established as the de facto standard in scientific, educational and commercial use for the setting of documents requiring very high standards of typographic control, particularly technical documents, and for applications where high quality, portability and device-independence are of importance.

MAPS 4 1990

p 31-32 19 kB

Announcement SGML & TEX Conference

Announcement of joint SGML User Group Holland and NTG meeting. Several courses are offered. Two parallel streams of lectures, one mainly devoted to SGML and the other to TEX.

◂SGML▸
◂TUG conference▸
◂courses▸

◂Kees van der Laan▸
◂Theo Jurriens▸
Jan Maasdam
J. Bleeker

MAPS 4 1990

p 33-34 18 kB

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Courses SGML & TEX Conference

geen samenvatting (no abstract)

diverse auteurs

MAPS 4 1990

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TEX-NL discussies

Overzicht gebruikers listserver.

MAPS 4 1990

p 43-46 20 kB

Working group 1: Education; State of affairs

An impression of what has been done by members of the WG, and others, is given. Members: C.G. van der Laan (coord.), T. Biegstraaten, G. Haayer, J.R. Luyten, P. Tutelaers. Known – through december 1989 – courseware and TEX-related (Dutch) courses are mentioned in appendices.

MAPS 4 1990
p 47-51 39 kB

Werkgroep 7: PC-zaken

Verslag werkgroep 7: PC-zaken.

MAPS 4 1990

p 52 7 kB

Werkgroep 10: SGML-TEX

An impression of what has been done by members of the WG is given. Members: C.G. van der Laan (coord.), T. Biegstraaten, J. Bleeker, D.C. Coleman, J. Grootenhuis. Prospects: Publishing houses strongly believe in the 'marriage' of SGML and TEX.

MAPS 4 1990

p 53-54 11 kB

Werkgroep 13: ‘Neerlandica’

Verslag werkgroep 13: ‘Neerlandica’.

MAPS 4 1990

p 55-56 17 kB

Werkgroep 14: Communicatie

Verslag werkgroep 14: Communicatie.

MAPS 4 1990

p 57-60 28 kB

The Development of National LaTeX styles

In its autumn 1988 meeting, the Dutch TeX users group (NTG) established a working group (number 13) that was to concentrate on the problems involved in the use of TeX for Dutch texts. Since then the working group, which includes the authors, has created a number of style options for LaTeX that remedy some common problems with the non-English use of LaTeX, and is on its way developing document styles that are compatible with the standard styles, but have a layout that is more palatable for Dutch users. In this article we treat implementation aspects of the styles and style options, and we discuss some matters of layout.

◀ Johannes Braams ▶
◀ Victor Eijkhout ▶
◀ Nico Poppelier ▶

MAPS 4 1990

p 61-66 48 kB

Unusual paragraph shapes

Although the TEXbook states that TEX's paragraph mechanism 'can be harnessed to a surprising variety of tasks', the strangest paragraph shapes that I have implement use no feature of the line-breaking algorithm. Instead, I have found that the control sequences `\everypar` and `\lastbox` are extremely powerful tools. I give three examples of this.

◀ Victor Eijkhout ▶

MAPS 4 1990

p 67-70 28 kB

Ingekomen brief

geen samenvatting (no abstract)

◂ Nico Poppelier ▸

MAPS 4 1990

p 71-72 9 kB

EuroTEX 89

Algemeen:

- Polen stal de harten;

Organisatorisch:

- Veranderingen LATEX, gecoordineerd door Frank M. en Jan R.;
- Teaching TEX in discussie;
- Cork bijeenkomst voorbereid;
- Zowel PD als commerciële TEX aktiviteiten nodig;
- Een Nederlandse vertaling van Schwarz's Einführung in TEX is op komst;
- Leerzaam handout voor potentiële DANTE leden, inclusief questionnaire;
- Quixote Oriental Fonts project (Hosek);

Producten:

- Schroder's changebars macro;
- Thull's MS-DOS PD TEX;
- TEX-omgevingen: PCTEXE (MS-DOS), TEXE (AOS/VS), CEO-TEXE (Data General).

◀ Johannes Braams ▶
◀ Kees van der Laan ▶

MAPS 4 1990

p 73-76 23 kB

Teaching TEX: Critics & LATEX proposal

Some critics – mainly LATEX based – on the approach are given: TEXnically driven instead of result driven. Also is notified the omission of a general pedagogical method to be used. Furthermore, it is urged to have unified courseware. A set of LATEX courses is proposed. No test set is included. The underlying idea of having TUG certified courses world-wide is strongly endorsed.

◀ Kees van der Laan ▶

MAPS 4 1990

p 77-82 56 kB

Wat is TEX?

In de huidige tijd van WYSIWYG ‘desktop publishing’ systemen lijkt het vreemd een systeem te propageren met honderden, vaak ingewikkelde, instructies. Wat het tekstopmaaksysteem TEX desondanks aantrekkelijk maakt, is het feit dat het programmeerbaar is: de basisinstructies kunnen worden samengevoegd tot zeer gecompliceerde instructies die een eenmaal ontworpen opmaak geheel automatisch feilloos reproduceren. Hierdoor hoeft de gebruiker uitsluitend nog de structuur van het document aan te geven en niet de vormgeving, het uiterlijk, ervan. Met deze gedachte sluit TEX nauw aan bij recente ontwikkelingen in de uitgeverswereld omtrent SGML.

◀ Victor Eijkhout ▶
◀ Nico Poppelier ▶

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Werkgroep 7: PC-zaken; TEX voor MS/PC-DOS PC's
Werkgroep 8: NTG gebruikersdag; SGML-TEX Seminar
Working group 13: 'Neerlandica'
SGML-TEX conference, Groningen
Two faces of TEXt
Towards LATEX 3.0
Getting TEXnical: Insight into TEX Macro Writing Techniques
The Document Style Designer as a Separate Entity
The Dutch national LATEX effort
TUGboat production: TEX, LATEX, and paste-up
SGML and TEX at Elsevier Science Publishers
NTG's second year
Development of DANTE e.V.
Verslag GUTenberg '90
Board-of-Directors and Euro-Summit at Cork90

Report European TEX conference Cork90
TEX structuurschema's
The 1990 DECUS TEX Collection
New books on TEX (1)
An indentation scheme
A parskip scheme
SGML (,TEX and ...)
SGML en TEX in scientific publishing
The future of TEX and METAFONT

Besluitenlijst

geen samenvatting (no abstract)

MAPS 5 1990

p 9 8 kB

TEX kalender

geen samenvatting (no abstract)

MAPS 5 1990

p 9 8 kB

Werkgroepen NTG

Verslag werkgroepen.

MAPS 5 1990

p 10-11 15 kB

Ontvangen Local Guides en andere TEX documenten

Overzicht ontvangen local guides.

MAPS 5 1990

p 12 17 kB

TEX-NL subscription

Overzicht gebruikers listserver.

◀ listserver ▶
◀ TEX-NL ▶

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NTG fileserver faciliteiten

Overzicht inhoud NTG fileserver.

MAPS 5 1990

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TEX stuff at cs.ruu.nl

Here is a brief description of our archive of TEX stuff. The archive is available by FTP and by mail server. It contains various things, a.o. Atari ST software, GNU software, some Unix software and a lot of TEX things. I will concentrate on the TEX stuff in this message.

◀Piet van Oostrum▶

MAPS 5 1990

p 21-26 52 kB

NTG Software Distributie Service

Deze bijlage beschrijft een aantal distributie-services die door enkele NTG leden worden uitgevoerd.

MAPS 5 1990

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NTG DOS-diskette Distributie Service

geen samenvatting (no abstract)

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Werkgroep 7: PC-zaken; TEX voor MS/PC-DOS PC's

Activiteiten van werkgroep 7: PC-zaken.

◀ Jos Winnink ▶

MAPS 5 1990

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Werkgroep 8: NTG gebruikersdag; SGML-TEX Seminar

Terugblik op organisatie.

◀Kees van der Laan▶

MAPS 5 1990

p 35-36 23 kB

Working group 13: ‘Neerlandica’

Verslag werkgroep 13: ‘Neerlandica’.

MAPS 5 1990

p 37-38 22 kB

SGML-TEX conference, Groningen

For their second full-day international meeting, the Nederlandstalige TEX Gebruikersgroep (NTG) organised, in conjunction with the Dutch SGML Users Group, a conference intended to focus interest on the use of TEX and SGMLtogether. On August 31st, approximately 100 delegates from both 'camps' attended the day's events in Groningen, with what seemed a good balance between SGML-ers and TEXies.

David Osborne

MAPS 5 1990

p 39-42 48 kB

Two faces of TEXt

TEX as a programming tool for advanced document retrieval systems.

◂databases▸
document . . .
◂searching▸
logical structure

◂Joop van Gent▸

MAPS 5 1990

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Towards LaTeX 3.0

LaTeX is a very valuable tool for document composition. As a TeX macro package, it is unique in its concept of logical commands, at the same time retaining enough flexibility with visually oriented commands to allow the user a relatively easy correction of an automatically chosen layout. This fact makes it far superior to the plain and AMS-TeX macro packages when it comes to professional applications. Therefore the LaTeX re-implementation project is certainly one of the most important efforts to 'expand TeX's horizon'. This is the place to link TeX with the modern developments like SGML. This paper describes the current status of the re-implementation of LaTeX.

◀ Frank Mittelbach ▶
Rainer Schöpf

MAPS 5 1990

p 49-54 86 kB

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Getting TEXnical: Insight into TEX Macro Writing Techniques

Most of us understand the basic form of TEX macros but that understanding alone is often inadequate when we need to solve certain problems. We need additional insight to be able to develop methods of passing information, moving text with changed catcodes, preserving blank lines, and more. Writing a large macro package brings in a new set of issues: how toavoid bumping into implementation restrictions, e.g., constraints of hash size, string size, and others; how to make a pleasant user interface; how to make your code as concise as possible. Some of the techniques to be discussed here include making a macro with a variable number of arguments; changing catcodes in macros, defining a macro whose argument is intentionally never used; conserving hash size by using counters instead of newifs; csname techniques and non-outer dynamic allocation; and table making techniques. Finally, some suggestions are included on methods to use when developing new macros.

◀ Amy Hendrickson ▶

MAPS 5 1990

p 55-66 211 kB

The Document Style Designer as a Separate Entity

An argument for the need for a programmable meta format: a format that introduces a new syntactic level in TEX for document style designers.

◂ Victor Eijkhout ▸
◂ Andries Lenstra ▸

MAPS 5 1990

p 67-70 34 kB

The Dutch national LaTeX effort

In this article an overview is given of the activities of working group 13 (WG 13) of the 'Nederlandstalige TeX Gebruikersgroep' (Dutch TeX Users Group). This working group is also called 'Neerlandica', and is interested in anything that has something to do with using LaTeX (and TeX) in a non-American environment. The topics tackled so far range from the design of a page layout suitable for A4 paper by adapting the American layout of article.sty to Dutch typographical tastes, to the implementation of a new letter style called 'brief'.

◀ Johannes Braams ▶
◀ Victor Eijkhout ▶
◀ Nico Poppelier ▶

MAPS 5 1990

p 71-74 46 kB

TUGboat production: TEX, LATEX, and paste-up

TUGboat has now completed more than ten years of publication. Starting with TEX78 and an electrostatic printer and progressing through increasingly versatile software and hardware, the authors have kept us challenged, both with the content that the reader sees and the little tricks that happen 'under the covers'. This talk will be a survey of some of the milestones of TUGboat production, our editorial philosophy, what we've learned about what TEX can and cannot do, and some advice to authors and production editors of other publications.

◀ Barbara Beeton ▶

MAPS 5 1990

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SGML and TEX at Elsevier Science Publishers

Contents:

- Introduction;
- ESP;
- Manuscript routing;
- Role of SGML;
- Role of ...TEX;
- Projects.

Jeroen Soutberg

MAPS 5 1990

p 85-88 46 kB

NTG's second year

A survey of NTG's activities in its second year is enumerated.

◀ Kees van der Laan ▶

MAPS 5 1990

p 89-90 26 kB

Development of DANTE e.V.

geen samenvatting (no abstract)

Joachim . . .

MAPS 5 1990

p 91-92 20 kB

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Verslag GUTenberg '90

Waarnemingen/beslissingen:

- Zusterclubs zijn automatisch lid van elkaar;
- DANTE en GUTenberg 100% gegroeid;
- TUGlib wordt uitgebreid met TEX bibliografie;

Producten/macros:

- Zetten commutator diagrammen via LATEX;
- Ook muziek zetten nu via TEX;
- Zetten van (ADA, ...) programma's;
- Zetten van bridge literatuur;
- Voor multilingual TEX3.0 is MLTEX nog nodig;
- TEX in kleur?

◀ Kees van der Laan ▶

MAPS 5 1990

p 93-98 71 kB

Board-of-Directors and Euro-Summit at Cork90

TUG organizational:

- TUG is really open now;
- Working Groups will be sent off with better task

descriptions and reporting time schedules;

- How to fulfil better membership needs is proposed;
- A scholarly TUGboat and a separate newsletter is proposed;

Topical TUGboat issues are under consideration;

- No increased membership/postage fees for those outside USA;
- The dangling reciprocal membership question is near to a pilot study;
- BoD can operate faster because of adoption of voting by e-mail;
- An extended membership directory is asked for;
- A resource directory is asked for;
- Maintenance/evolution of TEX etc. software must be handled by TUG and LUGs; DEK and LL are out of it!
- More attention will be paid to PR activities: Welcome c.q. Information/Demo packets will be prepared;

Euro-Summit:

- Eastern and Western European countries will exchange information;
- A status report, Euro-Summit Cork90 (?), will appear with contact addresses and status reports.

◀ Kees van der Laan ▶

MAPS 5 1990

p 99-102 47 kB

Report European TEX conference Cork90

The following was on at this joint TUG90 and EuroTEX90 meeting at Cork. Hypertext and TEX. Cork encoding scheme for 8 bit fonts. Halftone output from TEX. Macro writing in TEX, especially Getting TEXnical. The Dutch TEX efforts were reported. The issue of a TEX archive was raised again. Text around figures in LATEX. Document design and style development. Proposals for LATEX3.0. SGML and TEX for tables and Math. Graphics and TEX, such as PiCTEX use, tif format and pk files. Old german fonts. BiBTEX requirements. Discussion of TEX books. The question of TEX at schools was raised.

◀ conference ▶
◀ Cork ▶
◀ EuroTEX ▶

◀ Nico Poppelier ▶
◀ Kees van der Laan ▶

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TEX structuurschema's

Overzicht van de structuur van TEX en METAFONT en de bijbehorende bestandtypen.

◀ Huub Mulders ▶

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p 109-112 24 kB

The 1990 DECUS TEX Collection

The DECUS Languages and Tools SIG Public Domain Working Group and the Electronic Publishing SIG TEX/LATEX/WEB Working Group are proud to announce the 1990 DECUS TEX Collection. This col-lection offers nearly everything a TEX User would want on their system for TEX.

MAPS 5 1990

p 113-114 21 kB

New books on TEX (1)

Review of 'Introduction to TEX' (Jost Krieger, Norbert Schwartz), 'TEX for the advanced' (Wolfgang Appelt), 'TEX for the impatient' (Paul Abrahams).

◂ Victor Eijkhout ▸

MAPS 5 1990

p 115-117 35 kB

An indentation scheme

Indentation is one of the simpler things in TEX: if you leave one input line open you get a new paragraph, and it is indented unless you say `\noindent`. And if you get tired of writing `\noindent` all of the time, you declare `\parindent=0pt` at the start of your document. Easy. More sophisticated approaches to indentation are possible, however. In this article I will sketch a quite general approach that can easily be incorporated in existing macro packages. For a better appreciation of what goes on, I will start with a tutorial section on what happens when TEX starts a paragraph.

◀ Victor Eijkhout ▶

MAPS 5 1990

p 118-121 36 kB

A parskip scheme

In this article I will present an approach that unifies the paragraph skip and the white spaces surroundingvarious environments. Since the macros given below make use of the `\everypar` token list, this article may be seen as a sequel to an earlier paper on an indentation scheme, which is based on a similar principle. The `\everypar` parameter was explained there.

◀Victor Eijkhout▶

MAPS 5 1990

p 122-124 35 kB

SGML (,TEX and ...)

What SGML (and TEX) is all about is given in a nutshell. Markup of example document elements, by SGML and LATEX, are provided. Coupling SGML to TEX is considered by direct translation and by the intermediate procedural markup phase. Interfacing SGML to (La)TEX is also addressed. Some guidelines are provided in order to decide when SGML, or TEX (alone, both, or neither) might be beneficial. It is a 3-in-1 paper: what is SGML and TEX all about, examples of marked up copy in SGML and (La)TEX and the coupling issues, finished up with a literature compilation.

◀Kees van der Laan▶

MAPS 5 1990

p 125-140 158 kB

SGML en TEX in scientific publishing

Elsevier Science Publishershas for a few years investigated the possibility of accepting compuscripts, a manuscript in electronic form, created with TEX, LATEX and a few other text processing systems, and converting these to SGMLform. This paper will discuss the current status of these activities, the reasons for converting compuscripts to SGMLform, and the various ways in which TEX isused.

◀Nico Poppelier▶

MAPS 5 1990

p 141-144 54 kB

The future of TEX and METAFONT

My work on developing TEX, METAFONT, and Computer Modern has come to an end. I will make no further changes except to correct extremely serious bugs.

MAPS 5 1990

p 145-146 15 kB

MAPS 6 1991

Verslag (1991/1)
TEX kalender
Werkgroepen NTG
Jaarverslag NTG 1990
Financieel verslag 1990
Concept begroting 1991
TEX-NL subscription
NTG fileserver faciliteiten
Van de Voorzitter (1991/1)
WG 1: Education
WG 4: Fonts
WG 6: Lijst en link met fotozetters
WG 7: PC-zaken; TEX voor MS/PC-DOS PC's; Verkrijgbaarheid van emTEX
Brief aan PC werkgroep: Enige suggesties voor WG-PC's
WG 8: NTG conferentie
WG 10: SGML-TEX: Imposing structure upon TEX
Gebruik van TEX binnen het EGD
Gebruik van TEX en LATEX op het CAWCS
Math into BLUes
Babel, a multilingual style-option system for use with LATEX's ...
Frequently Asked Questions (I)
Summary of METAFONT Fonts Available
Program text generation with TEX/LATEX
LATEX for engineers and scientists (book review)

publications
keywords
authors
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introduction

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next
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publications keywords authors titles introduction previous next search exit

Verslag (1991/1)

Opening; Verslag bijeenkomst 11 mei 1990; Ingekomen stukken en Mededelingen; Stand van zaken Europese samenwerking/TUG international; Verslag/discussie werkgroepen; Verenigingszaken; Rondvraag; SGML (TEX and ...); Sluiting.

◀ Gerard van Nes ▶

MAPS 6 1991

p 3-10 91 kB

TEX kalender

geen samenvatting (no abstract)

MAPS 6 1991

p 10 8 kB

Werkgroepen NTG

Verslag werkgroepen.

MAPS 6 1991

p 11-12 14 kB

Jaarverslag NTG 1990

geen samenvatting (no abstract)

◀report NTG▶

◀Gerard van Nes▶

MAPS 6 1991

p 13-14 23 kB

view

publications keywords authors titles introduction previous next search exit

Financieel verslag 1990

geen samenvatting (no abstract)

◀ financial report ▶

◀ Johannes Braams ▶

MAPS 6 1991

p 15-16 21 kB

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Concept begroting 1991

geen samenvatting (no abstract)

MAPS 6 1991

TEX-NL subscription

Overzicht gebruikers listserver.

MAPS 6 1991

p 18-20 17 kB

NTG fileserver faciliteiten

Overzicht inhoud NTG fileserver.

MAPS 6 1991

p 21-26 27 kB

Van de Voorzitter (1991/1)

TEX Nationaal en Internationaal. Oftewel: wat gebeurt er allemaal?

MAPS 6 1991

p 27-28 26 kB

WG 1: Education

Verslag werkgroep 1: Educatie.

MAPS 6 1991

p 29-32 54 kB

WG 4: Fonts

Activiteiten van de werkgroep Fonts.

◀Erik-Jan Vens▶
◀Jos Winnink▶

MAPS 6 1991

p 33-36 47 kB

WG 6: Lijst en link met fotozetters

Verslag werkgroep 6.

◀ Theo Jurriens ▶

MAPS 6 1991

WG 7: PC-zaken; TEX voor MS/PC-DOS PC's; Verkrijgbaarheid van emTEX

Activiteiten van werkgroep 7: PC-zaken, in het byzonder de situatie met betrekking tot emTEX.

◀ Jos Winnink ▶
Pieter Bison

MAPS 6 1991

p 38-40 41 kB

Brief aan PC werkgroep: Enige suggesties voor WG-PC's

Voorgesteld wordt een praktisch set voor de PC's beschikbaar te stellen, en de educatie daar op af te stemmen.

◀ Kees van der Laan ▶

MAPS 6 1991

p 41-42 27 kB

WG 8: NTG conferentie

geen samenvatting (no abstract)

◀ Joop van Gent ▶

MAPS 6 1991

WG 10: SGML-TEX: Imposing structure upon TEX

Imposing structure upon TEX.

◀Kees van der Laan▶

MAPS 6 1991

p 44-46 42 kB

Gebruik van TEX binnen het EGD

Conversie van tabellen binnen Quatro naar TEX; het gebruik van macros binnen het EGD.

Henk Brouwer
J.A. Jager
P. Sader

MAPS 6 1991

Gebruik van TEX en LATEX op het CAWCS

Overzicht van het gebruik van TEX op het CAWCS.

CAWCS

Leo van Geest
Marion van Geest

MAPS 6 1991

p 48-56 164 kB

Math into BLUes

TEXing mathscripts is not simply typing. Math has to be translated into TEX commands. First the motivation for this work is given. Next traditional math page make-up is summarized along with the macroscopic math TEX commands. After answering 'Why TEXing mathscripts is difficult?' an anthology of TEX falls and their antidotes is discussed. At the end suggestions are given in order to lessen the difficulties.

◀ Kees van der Laan ▶

MAPS 6 1991

p 57-74 268 kB

Babel, a multilingual style-option system for use with LaTeX's document styles

The standard distribution of LaTeX contains a number of document styles that are meant to be used, but also serve as examples for other users to create their own document styles. These styles have become very popular among LaTeX. But it should be kept in mind that they were designed for American tastes and contain a number of hard-wired texts. This article describes a set of document-style options that can be used in combination with the standard styles, which makes the latter adaptable to other languages.

◀ Johannes Braams ▶

MAPS 6 1991

p 75-84 85 kB

Frequently Asked Questions (I)

This article contains answers to some frequently asked questions on comp.text.tex. Please don't ask these questions again, as they've been answered many times before.

◀ frequently . . . ▶
◀ FAQ ▶
◀ comp.text.tex ▶

◀ Bobby . . . ▶

MAPS 6 1991

p 85-92 89 kB

view

publications keywords authors titles introduction previous next search exit

Summary of METAFONT Fonts Available

This report includes all known fonts available in METAFONT format, whether public domain or not. Archive sites for ftp are listed where known. There is also a BITNET archive at LISTSERV@UBVM.CC.BUFFALO.EDU.

Liam Quin

MAPS 6 1991

p 93-98 56 kB

Program text generation with TEX/LATEX

Web; Cweb; Fweb; Spiderweb; Tgrind; C2LATEX; C++2LATEX; Cprog/Csty macros; Program environment; SchemeTEX; Ada; Miscellaneous.

◀ Piet van Oostrum ▶

MAPS 6 1991

p 99-106 82 kB

view

publications keywords authors titles introduction previous next search exit

LaTeX for engineers and scientists (book review)

Review of 'LaTeX for engineers and scientists' by David J. Buerger.

◀ Nico Poppelier ▶

MAPS 6 1991

p 107-108 32 kB

view

publications keywords authors titles introduction previous next search exit

The structure of the TEX processor

In this article I will describe the TEX processor as a multi-layered engine that successively transforms characters into tokens, tokens into lists, and from these lists builds a typeset page.

TEX processor
characters
tokens
◀ lists ▶
◀ expansion ▶

◀ Victor Eijkhout ▶

MAPS 6 1991

p 109-112 53 kB

view

publications keywords authors titles introduction previous next search exit

Comments on the Future of TEX and METAFONT

geen samenvatting (no abstract)

◀Nelson Beebe▶

MAPS 6 1991

p 113-117 62 kB

MAPS 7 1991

Verslag (1991/2)
TEX kalender & Glossary
Werkgroepen NTG
Begroting 1991 en 1992
TEX-NL subscription
NTG fileserver faciliteiten
Van de Voorzitter (1991/2)
NTG's continuation: The Third Year
WG 1: Education; Contribution to TUG-LRP report
WG 1: Education; Review Michael Doob's A Gentle
WG 7: PC-zaken; TEX voor MS/PC-DOS PC's en Atari's
WG 13: 'Neerlandica'; The Right of ij to be a Ligature
Enige Suggesties aan de Redactie van de MAPS
A Font and a Style for Typesetting Chess using LATEX or TEX
Typesetting Bridge via LATEX
Typesetting Bridge via TEX
Go diagrams with TEX
Towers of Hanoi, revisited
6th European TEX Conference
The TUG91 Annual Meeting
TUG Board of Directors meeting
Visit AMS and TUG office
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An Introduction to TEX for New Users

Hoe met LaTeX een boek kan worden gemaakt
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Report on Workshop: Getting PostScript into TeX and LaTeX Documents
The TUGLIB Server
Self-replicating macros
New books on TeX (2)
Impression INRSTeX, and some more
AMSTeX
LAMSTeX
ScholarTeX
TUGboat, Table of Contents
'Insights in TeX' course (1)

Verslag (1991/2)

Opening; Verslag bijeenkomst 20 november 1990; Ingekomen stukken en Mededelingen; NTG jaarvergadering; Verslag/discussie werkgroepen; Rondvraag; NTG presentaties: 'TEX in de praktijk'; Sluiting.

◀ Gerard van Nes ▶

MAPS 7 1991

p 3-9 85 kB

TEX kalender & Glossary

geen samenvatting (no abstract)

Werkgroepen NTG

Verslag werkgroepen.

MAPS 7 1991

p 10-11 11 kB

Begroting 1991 en 1992

geen samenvatting (no abstract)

◀ Johannes Braams ▶

MAPS 7 1991

p 12-13 23 kB

TEX-NL subscription

Overzicht gebruikers listserver.

MAPS 7 1991

p 14-16 17 kB

NTG fileserver faciliteiten

Overzicht inhoud NTG fileserver.

MAPS 7 1991

p 17-22 28 kB

Van de Voorzitter (1991/2)

geen samenvatting (no abstract)

◀ Kees van der Laan ▶

MAPS 7 1991

NTG's continuation: The Third Year

An NTG year of activity parallels the Dutch academic year: September to September. The membership increased by roughly 40% to circa 140 members of which 25 or so are institutional members. Due to the intermediate TEX course some financial reserve has been built up. NTG's third year can be characterized by 'continuation,' and the embarkation upon a multi-year project.

◀ Kees van der Laan ▶

MAPS 7 1991

p 24-25 27 kB

WG 1: Education; Contribution to TUG-LRP report

Worldwide TEX/METAFONT education is proposed with compatible modules, such that a user can plan an education path. A pool of teachers is proposed. How to address the problem of qualified teachers is touched upon.

◀ Kees van der Laan ▶

MAPS 7 1991

p 26-32 84 kB

WG 1: Education; Review Michael Doob's A Gentle

Review of Michael Doob's 'A Gentle Introduction to TEX'.

◂ Kees van der Laan ▸

MAPS 7 1991

p 33-35 44 kB

WG 7: PC-zaken; TEX voor MS/PC-DOS PC's en Atari's

Activiteiten van werkgroep 7: PC-zaken.

◀ Jos Winnink ▶

MAPS 7 1991

WG 13: ‘Neerlandica’; The Right of ij to be a Ligature

Discussion of the right of the Dutch ‘ij’ to be a ligature.

◂ Neerlandica ▸
ij-ligature

◂ David van . . . ▸

MAPS 7 1991

p 37-38 34 kB

view

publications keywords authors titles introduction previous next search exit

Enige Suggesties aan de Redactie van de MAPS

De functie van de MAPS wordt belicht en gerelateerd aan hoe dat te verwezenlijken. Punten aangestipt zijn: onjuiste afbrekingen, slecht-ogende automatische uitvullingen, en typos. Voorgestelde oplossing geen referee-mechanisme maar duidelijk aan de auteurs geven van wat van ze verwacht wordt plus overgaan op de nieuwere tools. Structureel is het te late verschijnen voorkomen vanwege het notulen-aspect: geen notulen geen vergadering.

◀ Kees van der Laan ▶

MAPS 7 1991

p 39-40 27 kB

A Font and a Style for Typesetting Chess using LaTeX or TeX

geen samenvatting (no abstract)

◀Piet Tutelaers▶

MAPS 7 1991

p 41-46 92 kB

Typesetting Bridge via LaTeX

LaTeX macros and a bidding environment for typesetting bridge card distributions and bidding sequences are given. Examples borrowed from bridge literature are supplied.

◀ Kees van der Laan ▶

MAPS 7 1991

p 47-50 35 kB

Typesetting Bridge via TEX

Enhanced plain TEX macros and a bidding environment for typesetting bridge card distributions and bidding sequences are given. As a follow-up of the LATEX macros given in [12]. Moreover, macros for annotated printing of the course of the play are provided. Examples of use are included.

◀ Kees van der Laan ▶

MAPS 7 1991

p 51-62 169 kB

Go diagrams with TEX

Encoureged by Zalman Rubinstein, who described his chess diagrams in TUGboat vol. 10 no. 2, I have prepared some special fonts and TEX macros to be used in typesetting go diagrams.

Hanna ...

MAPS 7 1991

p 63-68 220 kB

Towers of Hanoi, revisited

Another version of TEXing of 'The Towers of Hanoi' problem is provided, which does not assume Lisp knowledge, just plain TEX. Also some variations of use are included, among others to remove the restriction on the disks: disk size can be supplied by more than one digit.

◀ tower of Hanoi ▶

◀ Kees van der Laan ▶

MAPS 7 1991

p 69-70 24 kB

view

publications keywords authors titles introduction previous next search exit

6th European TEX Conference

- User groups:

  CyrTUG is bound to become important. CSTUG prospers. HunTUG is modest. The Poles can't get organized. Yunus is only a list. The other five just go on.
- Panels:

  TEX in Europe, how can we obtain better acceptance? LATEX3: impressive history, no release dates of yet.
- Presentations:

  Zlatuška's ACCENTS processor, for automatic generation of accented virtual fonts for European languages from English input fonts in the TEX font layout, looks promising.
- Publishing houses:

  MIR is involved. Springer is active and has some user guides out for a pilot journal. The Czech scientific journals are all formatted by TEX!
- Products:

  LAMSTEX is still going public. Very promising though, especially the wizards manual.

◀ Kees van der Laan ▶

MAPS 7 1991

p 71-75 64 kB

The TUG91 Annual Meeting

- Education:

  David Salomon is a great teacher: insights! He has donated his notes to TUG for inclusion in the TEXniques series.
- Publishing houses:

  The publishing houses accept (La)TEX copy. AMS leads with their total production formatted via TEX: 90K pages per year.
- Interchange format:

  DVI and Encapsulated PostScript!
- Workshops:

  Modifying manmac was great! The ways of encapsulating PostScript are put together by Anita Hoover. (see elsewhere in MAPS)
- Products:

  LAMSTEX goes public. ArborTEXt has extended and improved their products. ETP, of Mimi Lafrenz, did steal the show.

MAPS 7 1991

p 76-82 84 kB

TUG Board of Directors meeting

The following are loosely formulated issues which were agreed upon. For more preciseness the reader is referred to the (approved) minutes.

◀ Kees van der Laan ▶

MAPS 7 1991

p 83-84 13 kB

Visit AMS and TUG office

A report is given of the role of AMS with respect to TEX and TUG. The TUG office is next door and the cooperation is beneficial. A few relevant documents and the AMS preprint styles as well as the accompanying documentation are enumerated.

◀ Kees van der Laan ▶

MAPS 7 1991

p 85-86 19 kB

TEXniques in Siberia

This article summarizes the problems of giving a LATEX course in Siberia. It concludes with an overview concerning the future of TEX inside the USSR.

◀ Theo Jurriens ▶

MAPS 7 1991

p 87-90 226 kB

An Introduction to TEX for New Users

The purpose of this brief introduction is not to present a tutorial into the use of TEX, but rather to introduce the user to the whole notion of what it means to use TEX, how TEX differs from other typesetting systems, and what the advantages are to using TEX.

◂ Alan Hoenig ▸

MAPS 7 1991

p 91-96 85 kB

Hoe met LaTeX een boek kan worden gemaakt

Het creëren van een boek met LaTeX is geen vanzelfsprekende bezigheid. Onderstaand het relaasvan zo'n poging: het boek-in-wording Inleiding Informatica dat in eerste instantie als dictaat bij het bijbehorende college is geschreven en nu in een boekversie is aangeboden aan Addison-Wesley. In onderstaand betoog wordt voorbij gegaan aan het belangrijkste onderdeel van het schrijven van een boek: het schrijven van de tekst. We zullen het hier slechts hebben over de problemen en oplossingen voor wat betreft de layout.

◀ Rein Smedinga ▶

MAPS 7 1991

p 97-101 55 kB

Ladies and LaTeX

This paper describes the use of LaTeX by non-astronomers at the Kapteyn Institute. Although the general opinion is that it is too complicated for non-scientist, experience in Groningen proves otherwise. If you provide good tools or styles everybody is capable of using LaTeX. Also, the astronomers took over tricks from the ladies, simplifying their lives, too.

◀ Theo Jurriens ▶

MAPS 7 1991

p 102-104 34 kB

Two Sides of the Fence

The purpose of this talk is to give an overview of the four days of the twelfth annual TUG meeting; it is an attempt to show that the different streams in the programme of the meeting are connected, that they are part of a whole. Also, I make some comments and observations regarding the current status and the future of TEX, and the future of publishing in general.

◀ Nico Poppelier ▶

MAPS 7 1991

p 105-110 75 kB

Report on Workshop: Getting PostScript into TEX and LATEX Documents

geen samenvatting (no abstract)

◀ Anita Hoover ▶

MAPS 7 1991

p 111-116 62 kB

The TUGLIB Server

Scores of sites on the worldwide Internet now provide access to assorted collections of software relating to TEX and METAFONT. In many cases, these are accessible only via the Internet mechanism known as anonymous ftp, a scheme that permits logins from unknown users, usually on other machines, with very restricted access. The name ftp is an acronym for file transfer protocol. To improve the access to the TEX archives and other software at Utah, I have installed 'tuglib'. This server provides a means whereby remote users can send electronic mail messages containing service requests to a daemon program. The daemon parses the requests, logs them, and responds to them.

◀ Nelson Beebe ▶

MAPS 7 1991

p 117-123 76 kB

Self-replicating macros

geen samenvatting (no abstract)

◀ Victor Eijkhout ▶
Ron Sommeling

MAPS 7 1991

p 124 14 kB

New books on TEX (2)

Review of ‘A Beginner’s Book of TEX’ (Kopka/Levy).

◀ Victor Eijkhout ▶

MAPS 7 1991

p 125-126 26 kB

Impression INRSTEX, and some more

The work of Michael Fergusson on INRSTEX is discussed, Michael's comments on the review are included.

◀ Kees van der Laan ▶

MAPS 7 1991

p 127-129 38 kB

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publications keywords authors titles introduction previous next search exit

geen samenvatting (no abstract)

◀ Ralph Youngen ▶

MAPS 7 1991

geen samenvatting (no abstract)

Michael Spivak

MAPS 7 1991

p 131 21 kB

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publications keywords authors titles introduction previous next search exit

ScholarTEX

ScholarTEX is a collection of fonts, macros, preprocessor, hyphenation patterns, other related software and a 150-pages manual with many illustrations, exemples, exercises and mottos. It's purpose is to allow the use of TEX in the following languages: Greek, Epigraphical Greek, Armenian, Arabic, Hebrew, Syriac, Saxon, Old German, Phonetic Alphabet.

MAPS 7 1991

p 132 21 kB

TUGboat, Table of Contents

Table of contents of TUGboat Volume 12.1 and 12.2.

MAPS 7 1991

p 133-134 31 kB

‘Insights in TEX’ course (1)

This course, with no hands-on, is aimed at TEX and LATEX users who are ready for to acquire more insights into the TEXnigma. For those who are still working at the ‘book’ level an extra one-day introductory course can be organized if need for that is large enough.

◀ David Salomon ▶

MAPS 7 1991

p 135 18 kB

MAPS 8 1992

Verslag (1992/1)
TEX kalender & Glossary & Aanschaf TEX boeken
Werkgroepen NTG
Van de Voorzitter (1992/1)
Jaarverslag NTG 1991
Financieel verslag NTG 1991
NTG's listserver TEX-NL
NTG's fileserver TEX-NL
WG 1: Education; Review Urban's 'An introduction to LATEX'
WG 1: Education; Addendum 'Publiceren met LATEX'
WG 4: Fonts: Met schuine en begerige ogen
WG 7: PC-zaken
MusicTEX; using TEX to write polyphonic or instrumental music
Dating with TEX
Dag van het Document (verslag ITI-TNO informatiedag)
Molecuul Muis Manuscript (verslag KNCV symposium)
An introduction to TEX – part I course David Salomon –
The Components of TEX
LATEX3 project
LATEX Editing support
Prolegomena toward a font selection scheme
From observation to publication
FIFO and LIFO incognito
Tower of Hanoi

Typesetting Crosswords via TEX
Ladies & LATEX – II
Book reviews
Spivak's Oeuvre
TUGboat, Table of Contents
Tijdschriften zustervereenigingen
EuroTEX92 announcement
'Insights in TEX' course (2)

Verslag (1992/1)

Opening; Verslag bijeenkomst 2 mei 1991; Ingekomen stukken en Mededelingen; Verslag/discussie werkgroepen; Rondvraag; NTG presentaties: ‘Fun with TEX’; Sluiting.

◀ Gerard van Nes ▶
◀ Jos Winnink ▶

MAPS 8 1992

p 1-4 51 kB

TEX kalender & Glossary & Aanschaf TEX boeken

geen samenvatting (no abstract)

MAPS 8 1992

p 5 16 kB

Werkgroepen NTG

Verslag werkgroepen.

MAPS 8 1992

p 6 12 kB

Van de Voorzitter (1992/1)

geen samenvatting (no abstract)

◀ Kees van der Laan ▶

MAPS 8 1992

Jaarverslag NTG 1991

In 1991 ging de NTG zijn 4e jaar van bestaan in. Wederom verschenen er een tweetal MAPS (Minutes & APpendiceS), twee NTG bijeenkomsten vonden plaats met een groeiend aantal lezingen, bestuursverkiezingen werden voor het eerst gehouden, een gecombineerd NTG/TUG lidmaatschap werd mogelijk, de samenwerking met Wiskundig Nederland kreeg gestalte, en er werd verdere aandacht besteed aan de continuering en acceptatie van de NTG.

MAPS 8 1992

p 8-10 33 kB

Financieel verslag NTG 1991

geen samenvatting (no abstract)

MAPS 8 1992

p 11-12 26 kB

NTG's listserver TEX-NL

Overzicht gebruikers listserver.

MAPS 8 1992

p 13-15 18 kB

NTG's fileserver TEX-NL

Overzicht inhoud NTG fileserver.

MAPS 8 1992

p 16-22 39 kB

WG 1: Education; Review Urban's 'An introduction to LaTeX'

Review of Michael Urban's 'An introduction to LaTeX'

◀ Kees van der Laan ▶

MAPS 8 1992

p 23-24 31 kB

WG 1: Education; Addendum ‘Publiceren met LaTeX’

Addendum ‘Publiceren met LaTeX’

◀ Kees van der Laan ▶

MAPS 8 1992

p 25-30 74 kB

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WG 4: Fonts: Met schuine en begerige ogen

‘Peremesjtsjenije’, Een verhaal van nette armoei.

◀ Erik-Jan Vens ▶

MAPS 8 1992

p 31-32 29 kB

WG 7: PC-zaken

Activiteiten van werkgroep 7: PC-zaken.

◀ Jos Winnink ▶

MAPS 8 1992

p 33-34 13 kB

MusicTEX; using TEX to write polyphonic or instrumental music

MusicTEX is a set of TEX macros to typeset polyphonic, orchestral or polyphonic music.

◀ Daniel Taupin ▶

MAPS 8 1992

p 35-52 275 kB

view

publications keywords authors titles introduction previous next search exit

Dating with TEX

Three TEX-coded algorithms are given for performing tricks with dates.

◀ Theo Jurriens ▶

MAPS 8 1992

p 53-56 18 kB

Dag van het Document (verslag ITI-TNO informatiedag)

Een verslag van de dag van het document. Centraal stond de problematiek: opslag en retrieval van documenten. Interessant waren het begrip bibliotheek zonder muren, en de intelligente auteursomgevingen. Het dilemma ten aaanzien van het centrale theam is: moeten wij alles bewaren of selecteren en vergeten? Ook het forum kwam hier niet uit. Er was een beurs met een 20-tal stands.

◀ Kees van der Laan ▶

MAPS 8 1992

p 57-58 22 kB

Molecuul Muis Manuscript (verslag KNCV symposium)

Op 18 oktober 1991 werd door de sectie Computertoepassingen van de KNCV (Koninklijke Nederlandse Chemische Vereniging) een symposium m.b.t. chemische tekstverwerking georganiseerd. Naast een algemene introductie over 'Electronisch Publiceren', kregen zowel de Apple Macintosh als MS-DOS geïnteresseerden (chemici) de huidige mogelijkheden van het verwerken van chemische teksten voorgeschoteld. Het pakket TEX kwam in een laatste lezing naar voren. De duidelijk geslaagde dag werd bezocht door een kleine honderd deelnemers, inclusief een tiental leveranciers. Vele (leerzame) demonstraties, zowel tijdens de lezingen, als ook tussen de lezingensessies door, zorgden mede voor een duidelijk overzicht.

◀Gerard van Nes▶

MAPS 8 1992

p 59-62 40 kB

An introduction to TEX – part I course David Salomon –

geen samenvatting (no abstract)

◀ introduction ▶

◀ David Salomon ▶

MAPS 8 1992

p 63-80 274 kB

view

publications keywords authors titles introduction previous next search exit

The Components of TEX

TEX needs a great amount of supplementary components (files and programs) of which the meaning and interaction often is unknown. This paper explains the components of the kernel system TEX that are visible for the TEX user and their relations.

◀ Joachim Schrod ▶

MAPS 8 1992

p 81-86 67 kB

LaTeX3 project

geen samenvatting (no abstract)

◀ Frank Mittelbach ▶

MAPS 8 1992

p 87-90 49 kB

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LaTeX Editing support

The structured markup of LaTeX can be easy to read and understand, but tedious to type. Its syntax of environment groups bears a strong resemblance to the begin/end groups of the Algol family of computer programming languages, which can be described by rigorous grammars that in turn permit the automatic construction of lexical analyzers and parsers, and structured editors to support programming in those languages. This article describes a powerful facility for the preparation of LaTeX documents using the Emacs text editor.

◀ Nelson Beebe ▶

MAPS 8 1992

p 91-114 237 kB

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publications keywords authors titles introduction previous next search exit

Prolegomena toward a font selection scheme

Most users of plain TEX do not get very sophisticated in their use of fonts. Often they resort to declaring all used fonts explicitly with `\font`. There are some obvious disadvantages to that: it is not possible to switch a whole document in a simple way to a different typeface, or to a different size. As a result, I've seen such phenomena as an article with an abstract in 8 or 9 point, but where the formulas were still in 10 point, or pages of 'magnified' type where the lines were cramped, because the `\baselineskip` was not increased with the type size. The need for a good font selection scheme is thus quite obvious, but the implementation of one is not.

◀ Victor Eijkhout ▶

MAPS 8 1992

p 115-116 34 kB

From observation to publication

This article describes the use of TEX in publishing observations of variable stars observed by Dutch amateur-astronomers. The observations are published in the journal 'Variabilia' and in the so-called Reports. In the latter the observations, collected in several years, are published and submitted to the professional astronomer. It includes tables and light-curves: plot of the changing magnitude of the star versus time. In creating the light-curves: PICTEX is used. In preparing the files for PICTEX simple TEX-coding is used for manipulating the data.

◀ Theo Jurriens ▶

MAPS 8 1992

p 117-120 68 kB

view

FIFO and LIFO incognito

FIFO, first-in-first-out, and LIFO, last-in-last-out, are well-known techniques for handling sequences. In TEX macro writing they are abundant but are not easily recognized as such. TEX templates for FIFO and LIFO are given and their use is illustrated.

◀ Kees van der Laan ▶

MAPS 8 1992

p 121-124 51 kB

Tower of Hanoi

Another version of programming 'The Tower of Hanoi' in TEX is provided. No nodding knowledge of Lisp is required; just plain TEX. There is no restriction on the number of disks, apart from the installed limits of TEX. Generalized disks can be moved as well.

◀ Kees van der Laan ▶

MAPS 8 1992

p 125-127 49 kB

Typesetting Crosswords via TEX

A macro is provided for typesetting crosswords via (plain) TEX, or any TEX, which allows `\halign` use. The specification of the crossword information can be done in the WYSIWYG way, and does not require `\halign` markup, just the data.

◀Kees van der Laan▶

MAPS 8 1992

p 128-132 59 kB

Ladies & LaTeX – II

In dit artikel wordt mijn ervaring als LaTeX-docent, vraagbaak voor secretaresses beschreven. Er zijn twee bronnen van problemen: organisatie en TeX-techniek.

◂ Theo Jurriens ▸

MAPS 8 1992

p 133-134 31 kB

Book reviews

Reviews of ‘LaTeX for Everyone’ (Jane Hahn), ‘Practical SGML’ (Eric van Herwijnen), ‘TeX by Topic, A TeXnician’s Reference’ (Victor Eijkhout).

◂ Nico Poppelier ▸
◂ Amy Hendrickson ▸

MAPS 8 1992

p 135-138 56 kB

Spivak's Oeuvre

Spivak's 'The Joy of TEX' and 'LAMSTEX – The Synthesis' are discussed.

◀ Kees van der Laan ▶

MAPS 8 1992

p 139-142 62 kB

TUGboat, Table of Contents

Table of contents of TUGboat Volume 12.3, 12.4 and 13.1.

MAPS 8 1992

p 143-144 35 kB

Tijdschriften zustervereenigingen

geen samenvatting (no abstract)

MAPS 8 1992

p 145-146 31 kB

EuroTEX92 announcement

Announcement of the EuroTEX'92 conference.

Jiří Vesely

MAPS 8 1992

p 147-148 22 kB

‘Insights in TEX’ course (2)

This advanced course, with no hands-on, is aimed at those TEX and/or LATEX users who are ready for a deeper insight into the TEXnigma. An extra one-day introductory course can be organized for inexperienced users, if there is enough demand.

◀ David Salomon ▶

MAPS 8 1992

p 149-150 27 kB

MAPS 9 1992

Verslag (1992/2)
TEX kalender & Glossary & Discount boeken en software voor NTG leden
Werkgroepen NTG
Van uw MAPS Editor (1992)
Van de Voorzitter (1992/2)
Concept begroting 1993
NTG's listserver TEX-NL
NTG's fileserver TEX-NL
WG 3: Evaluatie; Formules in WP5.1, DECwrite en LATEX
WG 4: Fonts; Hoe maak ik van een font twee fonts?
7th European TEX Conference: EuroTEX'92
Verslag van de TUG conferentie in Portland, Oregon
The Key to Successful Support: Knowing Your TEX and LATEX Users
The Pursuit of Quality
Writing Reports with More than a Hundred People
TEX-based Production at the AMS
Standard dtd's and Scientific Publishing
Incorporating PostScript fonts in TEX
Creating Shaded Rectangles with PostScript
Introduction to METAPOST
TEX for Everyone!?
TEX als Database
Ladies and LATEX – III Vragen allerlei!
Just give me a Lollipop (it makes my heart go giddy-up)

Index Preparation for TEX Related Documents
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TUG '93; Call for Papers
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Verslag (1992/2)

Opening; Verslag bijeenkomst 21 november 1991; Ingekomen stukken en Mededelingen; NTG jaarvergadering; Verslag/discussie werkgroepen; Rondvraag; NTG presentaties: 'TEX and Scientific Publishing'; Sluiting.

◀ Gerard van Nes ▶
◀ Jos Winnink ▶

MAPS 9 1992

p 1-4 61 kB

TEX kalender & Glossary & Discount boeken en software voor NTG leden

geen samenvatting (no abstract)

MAPS 9 1992

p 5 23 kB

Werkgroepen NTG

Verslag werkgroepen.

MAPS 9 1992

p 6 12 kB

Van uw MAPS Editor (1992)

geen samenvatting (no abstract)

◀ Gerard van Nes ▶

MAPS 9 1992

p 7-8 38 kB

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Van de Voorzitter (1992/2)

geen samenvatting (no abstract)

◀ chairman ▶

◀ Kees van der Laan ▶

MAPS 9 1992

p 9-11 47 kB

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Concept begroting 1993

geen samenvatting (no abstract)

MAPS 9 1992

NTG's listserver TEX-NL

Overzicht gebruikers listserver.

MAPS 9 1992

p 13-15 22 kB

NTG's fileserver TEX-NL

Overzicht inhoud NTG fileserver.

MAPS 9 1992

p 16-22 43 kB

WG 3: Evaluatie; Formules in WP5.1, DECwrite en LaTeX

De pakketten WP5.1, DECwrite en LaTeX bieden de mogelijkheid om formules te typesetten. Om de mogelijkheden en kwaliteit te kunnen beoordelen is geprobeerd een vijftal formules met behulp van de drie pakketten te maken.

◀ Huub Mulders ▶

MAPS 9 1992

p 23-30 173 kB

WG 4: Fonts; Hoe maak ik van een font twee fonts?

Andrea de Leeuw van Weenen wilde een deel van haar zelfgemaakte font aan kunnen spreken met de gewone letters op het toetsenbord, en niet met lastig in te typen en (evt.) lastig te onthouden macros. De aangewezen manier leek het maken van een virtueel font. Dus heb ik eens op een rijtje gezet wat je daarvoor nodig hebt.

◀Erik-Jan Vens▶

MAPS 9 1992

p 31-32 21 kB

7th European TEX Conference: EuroTEX'92

Highlights of this EuroTEX'92 at Prague were:

- Graphics via TEX and METAFONT.
- = METAFONT with PostScript output.
- PostScript fonts coupled to TEX.
- What every advisory service should know.
- AsTEX as model for a scientific workbench.
- Several (free) tutorials: Advanced TEX, Virtual fonts, XY-PiC.

◀ Kees van der Laan ▶

MAPS 9 1992

p 33-36 53 kB

Verslag van de TUG conferentie in Portland, Oregon

Verslag van de TUG conferentie in Portland, Oregon.

◀ Johannes Braams ▶

MAPS 9 1992

p 37-42 68 kB

The Key to Successful Support: Knowing Your TEX and LATEX Users

The primary emphasis of this paper is to address the issues related to supporting TEX and LATEX. One essential ingredient to successfully supporting any package is that you must know your users. In the case of TEX and LATEX, this is especially true, because the user base can be so diverse. This paper will focus on support strategies that address different types of users and what you can do as a TEX and LATEX support person to adopt these strategies in your organization.

◀ Anita Hoover ▶

MAPS 9 1992

p 43-49 80 kB

The Pursuit of Quality

This paper compares high-quality craft typography with the state of the art in automated typesetting. The first part discusses several typographical conventions which cannot be implemented by means of any formatting model currently in use. The second part explains why the current paradigms of computerized typesetting will not serve for high-quality formatting and suggests directions for the further research necessary to improve the quality of computer generated layout.

craft typography
automated ...
document ...
paradigm
typographic rules
visual contexts
logical contexts
global ...

◀ Frank Mittelbach ▶
◀ Chris Rowley ▶

MAPS 9 1992

p 50-56 80 kB

view

Writing Reports with More than a Hundred People

This paper describes a system that produces project status reports using LaTeX. The reports contain both textual and financial information. The textual part of the status reports is written by over a hundred people who don't need to know what LaTeX is. The financial information is retrieved from a database.

MAPS 9 1992

p 57-62 145 kB

TEX-based Production at the AMS

The American Mathematical Society (AMS) is a both major publisher of mathematical research, and a professional organization whose members are mathematicians engaging in research at academic institutions and other research centers in the U.S. and around the world. A primary function of the Society is to provide channels of communication whereby these mathematicians can communicate the results of their research to each other, and to the broader scientific community. Foremost among these channels of communication is an extensive publications program which is based on the TEX typesetting system.

◀ Ralph Youngen ▶

MAPS 9 1992

p 63-68 96 kB

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Standard dtd's and Scientific Publishing

This paper has two parts. In the first part we argue that scientific publishing needs one standard dtd for each class of documents that is published, for example one for all research papers and one for all books. In the second part we apply this reasoning to mathematical formulas, and we outline some design requirements for a document type definition for mathematical formulas. In the appendices we discuss and compare existing document type definitions for mathematical formulas.

◀DTD▶
◀SGML▶
◀scientific . . .▶

◀Nico Poppelier▶
Eric van . . .
◀Chris Rowley▶

MAPS 9 1992

p 69-80 143 kB

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Incorporating PostScript fonts in TEX

pfb2mf provides the TEX community with an interface to the PostScript Type One fonts. There is an overwhelming amount of these fonts for sale and there are a lot of fonts in the Public Domain, so it extends the range of typefaces the TEX user can choose from.

◀ Erik-Jan Vens ▶

MAPS 9 1992

p 81-84 58 kB

Creating Shaded Rectangles with PostScript

One of the most common graphics used in documents is text with a shaded background. This is hard to do with TEX but easy with PostScript. Simple PostScript code is presented here to create shaded rectangles, and a macro is developed to combine such a rectangle with text.

◀ David Salomon ▶

MAPS 9 1992

p 85-88 36 kB

Introduction to METAPOST

METAPOST is a picture-drawing language very much like METAFONT except with PostScript output. The language provides access to all major features of Level 1 PostScript and it has facilities for integrating graphics with typeset text. This paper gives a brief overview of the METAPOST language and how it can be used. A few of the more interesting features are described in detail.

John Hobby

MAPS 9 1992

p 89-96 110 kB

TEX for Everyone!?

In this article author tries to defend a more general use of TEX outside the world of mathematics, astronomy, physics etc. The ! or ? in the title of this paper is the question. Several examples are shown why TEX is much powerful than a dull word-processing package.

◀METAFONT▶
◀PostScript▶

◀Theo Jurriens▶

MAPS 9 1992

p 97-99 48 kB

view

publications keywords authors titles introduction previous next search exit

TEX als Database

In dit artikel wordt beschreven hoe TEX is gebruikt als een primitieve database voor de administratie van de 47ste Nederlandse Astronomen Conferentie.

◂ Theo Jurriens ▸

MAPS 9 1992

p 100-101 15 kB

Ladies and LaTeX – III Vragen allerlei!

In het dagelijks gebruik van LaTeX komen we zo af en toe toch nog wel eens problemen voor. In dit artikel vragen uit de praktijk en de mogelijke oplossingen.

◀ floats ▶
◀ multi-columns ▶
◀ letter ▶
◀ table of contents ▶

◀ Theo Jurriens ▶

MAPS 9 1992

p 102-104 24 kB

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publications keywords authors titles introduction previous next search exit

Just give me a Lollipop (it makes my heart go giddy-up)

The Lollipop format is a meta-format: it does not define user macros, but it contains the tools with which a style designer can easily implement such user macros. This article will show some of the capabilities of Lollipop and will give the reader a small peek behind the scenes of the implementation.

◀ Victor Eijkhout ▶

MAPS 9 1992

p 105-110 66 kB

Index Preparation for TEX Related Documents

A beta release of the MakeIndex program has recently become available for the Macintosh computer, and I immediately started using it to prepare the indexes of two new books. MakeIndex is easy to use with LATEX but, since I like to work with plain TEX, I have developed all the necessary macros from scratch. They are presented here for the benefit of anyone who wants a professionally looking index.

◀ David Salomon ▶

MAPS 9 1992

p 111-114 50 kB

Table Diversions

Characteristics of existing table macro collections are given. A kaleidoscope of tables – as next best to a taxonomy – is presented. Newly introduced is the class of bordered tables. Variations in print-ruled, nonruled, framed, nonframed, dotted, centered, flushed-can be obtained via the invoke of parameter setting macros; no modification of user mark up. Simultaneous row and column spans, partial rules, and dotted lines are dealt with. The listing of the macro `\btable`, with auxiliaries, is included.

◀ Kees van der Laan ▶

MAPS 9 1992

p 115-129 133 kB

Syntactic Sugar

A plea is made for being honest with TEX and not imposing alien structures upon it, otherwise than via compatible extensions, or via (non-TEX) user interfaces to suit the publisher, the author, or the typist. This will facilitate the process to get (complex) publications out effectively, and typographically of high-quality.

array addressing
◂ loops ▸
parameters
linear search
◂ sorting ▸
switch
◂ plain TEX ▸

◂ Kees van der Laan ▸

MAPS 9 1992

p 130-136 101 kB

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Heap Sort in TEX

Sorting in plain TEX is implemented via heap sort. The heap sort algorithm is explained and the encoding given.

◀ Kees van der Laan ▶

MAPS 9 1992

p 137-138 40 kB

FIFO and LIFO sing the BLUes

FIFO, First-In-First-Out, and LIFO, Last-In-First-Out, are well-known techniques for handling sequences. In TEX macro writing they are abundant but are not easily recognized as such. TEX templates for FIFO and LIFO are given and their use illustrated. The relation with Knuth's `\dolist`, answer ex11.5, and `\ctest`, p.376, is given.

◀ Kees van der Laan ▶

MAPS 9 1992

p 139-144 89 kB

Typesetting Crosswords via TEX, revisited

An alternative macro, to van der Laan (1992b), is provided for typesetting crosswords via TEX.

◂Kees van der Laan▸

MAPS 9 1992

p 145-146 43 kB

Scientific Word; TEX à la WYSIWYG

A software package for Windows and OS2WIN for inputting mathematical formulas WYSIWYG according to all TEX rules. Internal storage format is a mixture of TEX, LATEX and macros of own design. Mathematical formulas are immediately shown the way they will be printed. Line width for text is limited to the width of the windowfor ease of use. The built in previewer from TurboTEX shows the whole document layout. There are also dvi drivers included for PostScript, LaserJet, DeskJet and matrixprinters. Pictures can be called just as easy as formulas can be inputted. A description of the philosophy of this package and how to work with it.

◀ Scientific Word ▶
◀ WYSIWYG ▶
◀ Windows ▶
◀ OS2WIN ▶

◀ Jan Krugers ▶

MAPS 9 1992

p 147-154 244 kB

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publications | keywords | authors | titles | introduction | previous | next | search | exit

Bugs (sigh) in Knuths 'Computers & Typesetting'

In may/june this year a discussion started on the TEX-NL listserver (by Kees van der Laan and Nico Poppelier) about the releases of Knuths book series: it was not sure that Addison-Wesley was selling only the latest book editions. We have forwarded that discussion directly to Addison-Wesley in Amsterdam. The answer is included in next section.

◀ Gerard van Nes ▶

MAPS 9 1992

p 155-157 38 kB

LaTeX3; Call for Volunteers

This is a call for volunteers to help in the development of LaTeX3. There are many tasks needing to be done in support of the LaTeX3 project which can be worked on concurrently with the development of the LaTeX3 kernel. Furthermore, some tasks require special expertise not found among the core programming team. Initial research, analysis, and work on these tasks by volunteers can greatly speed up the process of integrating a number of desirable features into LaTeX3. Many of these features can be extensively developed and tested under LaTeX 2.09 even before the LaTeX3 kernel is available.

Michael Downes

MAPS 9 1992

p 158 17 kB

EuroTEX'92 proceedings

EuroTEX '92 proceedings volume contains 330 pages of papers presented at the last European TEX Conference held in Prague, Czechoslovakia. There are full texts of five invited talks included, presenting topics ranging from the future of TEX to combinations involving METAFONT and PostScript, and also user support. The volume is available from the Czechoslovak TEX user's group for only DM 30.–.

◀ Jiří Zlatuška ▶

MAPS 9 1992

TUG ’93; Call for Papers

Call for papers for TUG’93 meeting.

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Table of contents of TUGboat Volume 13.2 and 13.3.

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MAPS 10 1993

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TEX kalender, Glossary & Mededelingen
Van uw MAPS Editor; '5 jaar MAPS'
Van de Voorzitter (1993/1)
Jaarverslag NTG 1992
Financieel verslag NTG 1992
NTG's Listserver TEX-NL
NTG's Fileserver TEX-NL
NTG's Bulletin Board FGBBS
A Catalogue of TEX Macros
A way to ensure the future of TEX: make its use easier on low-cost ...
4TEX: a TEX Workbench for MS-DOS PC's
TEX zonder omhaal; voor Atari ST en andere PC's (I)
Gezeefd uit de TEX-NL discussielijst (1993/1)
armTEX, een port van TEX voor de Archimedes
Het gebruik van MathTime in LATEX
The Future of TEX
E-TEX: Guidelines for Future TEX extensions
The LATEX3 Project
PostScript en LATEX, de komplementariteit in praktijk
Virtual Fonts: Great Fun, Not for Wizards Only
The Birth of a Virtual Font; The AdjKerns Utility
When TEX and METAFONT Work Together
Getallen

International quotations
Typesetting number sequences; FIFO and some more
Sorting in BLUe
Manmac BLUes; or how to typeset a book via TEX
AMS BLUes; professionals at work
The 14th Annual TEX Users Group Meeting
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Verslag (1993)

Opening; Verslag bijeenkomst 4 juni 1992; Ingekomen stukken en Mededelingen; NTG presentaties: ‘The future of TEX/LATEX’; Rondvraag en Sluiting.

◀ report ▶
◀ members meeting ▶

◀ Gerard van Nes ▶
◀ Jos Winnink ▶

MAPS 10 1993

p 1-4 49 kB

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TEX kalender, Glossary & Mededelingen

geen samenvatting (no abstract)

◀ calendar ▶
◀ glossary ▶
◀ announcement ▶

MAPS 10 1993

p 5-6 23 kB

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Van uw MAPS Editor; ‘5 jaar MAPS’

geen samenvatting (no abstract)

◀Gerard van Nes▶

MAPS 10 1993

p 7-10 60 kB

Van de Voorzitter (1993/1)

geen samenvatting (no abstract)

◀ chairman ▶

◀ Kees van der Laan ▶

MAPS 10 1993

p 11-14 55 kB

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Jaarverslag NTG 1992

In 1992 ging de NTG zijn 5e jaar van bestaan in. Twee NTG bijeenkomsten vonden plaats met vele goede lezingen, naast een succesvolle en goed bezette 5-daagse Advanced TEX cursus (low budget; met het cursusmateriaal als MAPS-Special). Er verschenen wederom een tweetal MAPS uitgaven (Minutes & APpendiceS). Medewerking werd tevens verleend aan het LATEX3 projekt.

En voor de rest is er het diverse door de leden gedaan waaronder een Public Domain MS-DOS set (instap en volledige versie), proeflezen van de MAPS, en de hulpverlening bij vragen op de TEX-NL discussielijst.

MAPS 10 1993

p 15-17 29 kB

Financieel verslag NTG 1992

geen samenvatting (no abstract)

◀ Johannes Braams ▶

MAPS 10 1993

p 18-19 24 kB

NTG's Listserver TEX-NL

Overzicht gebruikers listserver.

MAPS 10 1993

p 20-22 19 kB

NTG's Fileserver TEX-NL

Overzicht inhoud NTG fileserver.

MAPS 10 1993

p 23-30 40 kB

NTG's Bulletin Board FGBBS

Nieuw voor de Nederlandstalige TEX Gebruikersgroep: een TEX Bulletin Board speciaal voor diegenen die niet op het Internet zijn aangesloten. De naam: FGBBS. Op FGBBS is sinds kort een zo volledig en actueel mogelijke TEX, emTEX, LATEX en MusicTEX collectie beschikbaar voor alle bezitters van een modem. Het BBS is kosteloos toegankelijk voor iedereen en er zijn geen beperkingen aan de hoeveelheid bestanden die kunnen worden opgevraagd. Het systeem is aangesloten op een High Speed modem, vergeleken met de transmissiesnelheid die een directe Internet link biedt misschien niet geweldig, maar veel beter kan het niet over de gewone huis- tuin- en keukenPTTlijn. FGBBS is te bellen op 085-217041. Noot 31-jan-1997: nieuw nummer is 026-3217 041.

◀ Frans Goddijn ▶

MAPS 10 1993

p 31-36 58 kB

A Catalogue of TEX Macros

This is a catalogue of TEX macros. Its scope includes all macros that are available via anonymous ftp or mail-server or some similar mechanism. Commercial packages will be included only if a full Catalogue entry is supplied to me by the vendor.

David Jones

MAPS 10 1993

p 37-40 39 kB

A way to ensure the future of TEX: make its use easier on low-cost machines

The PC is the cheapest computer and the most widespread one in the scientific community. Faced with commercial scientific word-processors that are improving steadily in wrong directions, it is urgent to make the use of TEX easier on the PC, to ensure its future and avoid costly dead-ends to researchers. We have designed a program, AsTEX, that allows to create easily multi-author scientific documents in TEX or LATEX on PCs. It provides an on-line hypertext help and a multi-level assistance in typing LATEX code. It allows to display and modify very easily the structure of a document, to archive and retrieve files related to it, to perform numerical and formal computations from the document and include automatically the results, to create LATEX tables from worksheets or databases of formulas. It processes electronic mail and files sent by list servers for a better use of information and eases considerably the use of anonymous ftp and archie servers by local archiving of selected informations.

back-end
◂ front-end ▸
◂ scientific ... ▸
AsTEX
◂ hyperTEX ▸
tree
link
multi-author ...
file manager
numerical ...
formal ...
worksheet
◂ databases ▸
◂ email ▸
◂ MS-DOS ▸
notebook
◂ OS/2 ▸

Michel Lavaud

MAPS 10 1993

p 41-52 436 kB

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4TEX: a TEX Workbench for MS-DOS PC's

TEX and all its companions offer an enormous amount of possibilities. This is both an advantage and a disadvantage. The advantage is that almost anything is possible; the disadvantage is that you need detailed knowledge of all related programs to fully exploit the possibilities. The MS-DOS program 4TEX is an attempt to integrate all major TEX related programs in a shell that shields you from the tedious and frustrating job of setting environment variables and program parameters.

◀Wietse Dol▶
◀Erik Frambach▶
Maarten van ...

MAPS 10 1993

p 53-56 58 kB

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TEX zonder omhaal; voor Atari ST en andere PC's (I)

Deze cursus is bedoeld als eerste kennismaking met TEX op een eenvoudige PC. Een harde schijf is niet nodig. De cursus is gebaseerd op de PD-TEX van Christoph Strunk voor Atari ST. De installatie en de functie van de basis bestanden van TEX worden behandeld. Deze cursus is een gecorrigeerde herdruk van een serie artikelen in het blad ST uitgegeven door: Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

MAPS 10 1993

p 57-68 196 kB

Gezeefd uit de TEX-NL discussielijst (1993/1)

Gezeefd uit de NTG TEX-NL discussielijst van 1992 en begin 1993: een zestiental vragen en antwoorden. Niet alleen voor de niet-netwerkers doch ook voor de TEX-NL subscribers die de berichten te snel langs hun heen zagen gaan. Keuze is gemaakt op persoonlijke titel, veel is dus ongetwijfeld missende. Echter de onderwerpen welke in deze bijdrage worden behandeld zijn zeker van algemeen belang.

MAPS 10 1993

p 69-72 37 kB

armTEX, een port van TEX voor de Archimedes

In dit artikeltje zal ik vertellen wat armTEX is en welke voor- en nadelen het systeem heeft. Het is geen uitvoerige opsomming van wat TEX kan, omdat de lezer geacht wordt daarvan (enigszins) op de hoogte te zijn. Ik zal me meer richten op de technische kanten van het werken met TEX op de Archimedes.

Mark Sinke

MAPS 10 1993

p 73 16 kB

Het gebruik van MathTime in LaTeX

geen samenvatting (no abstract)

◀ Piet Tutelaers ▶

MAPS 10 1993

p 74-76 106 kB

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The Future of TEX

TEX and the other members of Knuth's Computers & Typesetting family are arguably amongst the most successful examples of computer software in the world, having been ported to almost every conceivable operating system and attracting an allegiance that verges on the fanatical. Development work on this family has now ceased, and many members of the computer typesetting community are concerned that some action should be taken to ensure that the ideas and philosophy enshrined in TEX are not allowed simply to fade away. In this paper, we discuss some of the options available for perpetuating the TEX philosophy, and examine the strengths and weaknesses of the present TEX system. We conclude by postulating a development strategy for the future which will honour both the letter and the spirit of Knuth's wish that TEX, METAFONT and the Computer Modern typefaces remain his sole responsibility, and at the same time ensure that the philosophy and paradigms which are the strengths of TEX are not lost for ever by having artificial constraints placed on their evolution.

◀ extended TEX ▶
◀ NTS ▶
New . . .

◀ Philip Taylor ▶

MAPS 10 1993

p 77-85 126 kB

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E-TEX: Guidelines for Future TEX extensions

With the announcement of TEX 3.0, Don Knuth acknowledged the need of the (ever growing) TEX community for an even better system. But at the same time, he made it clear, that he will not get involved in any further enhancements that would change the TEXbook. TEX started out originally as a system designed to typeset its author's own publications. In the meantime it serves hundreds of thousands of users. Now it is time, after ten years' experience, to step back and consider whether or not TEX 3.0 is an adequate answer to the typesetting requirements of the nineties. Output produced by TEX has higher standards than output generated automatically by most other typesetting systems. Therefore, in this paper we will focus on the quality standards set by typographers for hand-typeset documents and ask to what extent they are achieved by TEX. Limitations of TEX's algorithms are analyzed; and missing features as well as new concepts are outlined.

◀ Frank Mittelbach ▶

MAPS 10 1993

p 86-94 256 kB

The LaTeX3 Project

This is a brief sketch of the LaTeX3 Project: background, history, principles, aims and functionality. The new version of LaTeX is, like the current version, a freely available system for automated processing of structured documents, formatting them to the highest typographic standards by use of the TeX typesetting software. Although its uses include a very large range of published documents, the importance of its unsurpassed ability to format mathematical formulas will not be forgotten in producing the new version. It is being produced by an international group of volunteers under the technical direction of Frank Mittelbach.

◀ Frank Mittelbach ▶
◀ Chris Rowley ▶

MAPS 10 1993

p 95-100 61 kB

PostScript en LaTeX, de komplementariteit in praktijk

In dit artikel toon ik aan hoe PostScript en LaTeX een hoge graad van samenhorigheid bezitten, die het mogelijk maakt om de voordelen van beide systemen te kombineren om dokumenten elektronisch te publiceren. Allereerst vertel ik hoe, samen met de dvi-vertaler dvips en het stijlbestand epsfig, het invoegen van PostScript materiaal in een (La)TeX bestand heel eenvoudig wordt. Samen met de stijl rotating kan men bijna elk gewenst globaal grafisch effekt verkrijgen zonder per-se een PostScript guru te zijn. In het tweede gedeelte van het artikel geef ik een kort overzicht van enkele op PostScript gebaseerde stijlbestanden, die bepaalde nuttige visuele effekten genereren, zoals grijze raampjes, kleurentypografie en het overdrukken van tekst. In het laatste gedeelte toon ik hoe eenvoudig het is om PostScript fonts te gebruiken in LaTeX met het nieuwe fontselektie systeem (NFSS) van Frank Mittelbach.

◀ PostScript ▶
◀ LaTeX ▶
epsfig
◀ NFSS ▶

◀ Michel Goossens ▶

MAPS 10 1993

p 101-113 225 kB

view

Virtual Fonts: Great Fun, Not for Wizards Only

This paper deals with virtual fonts. I would like to present some examples of their astonishing possibilities, taken from everyday typesetting (or almost).

MAPS 10 1993

p 114-119 122 kB

The Birth of a Virtual Font; The AdjKerns Utility

geen samenvatting (no abstract)

◂Yannis . . .▸

MAPS 10 1993

p 120-123 41 kB

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When TEX and METAFONT Work Together

When TEX and METAFONT communicate to each other, they can do more together than they can alone. This presentation concentrates on two illustrations of this principal, and urges readers to come up with more. When TEX becomes sensitive to information passed to it from METAFONT, it is possible to prepare diagrams and figures using METAFONT and then to have TEX prepare labels which can be precisely positioned within the figure. When communication goes the other way, TEX and METAFONT can prepare special purpose fonts which (among other things) can be set along curved baselines. Illustrations of both techniques are presented.

◀METAFONT▶
labelling figures
figures with labels
curvilinear

◀Alan Hoenig▶

MAPS 10 1993

p 124-139 279 kB

view

publications keywords authors titles introduction previous next search exit

Getallen

geen samenvatting (no abstract)

MAPS 10 1993

p 140-141 25 kB

International quotations

In this article some relatively simple macros are presented for people who need an occasional quotation mark that is different from the default quotation marks provided by TEX.

◀ Johannes Braams ▶

MAPS 10 1993

p 142-144 28 kB

Typesetting number sequences; FIFO and some more

Typesetting sequences of numerical values, represented via symbolic names which get their values on the fly, is dealt with. The sorting of the sequence is done by a linear sorting algorithm, of complexity O(n2). Three or more consecutive numbers are typeset as a range. The objective was to encode typesetting sequences of numbers as simple, concise, general, compatible, modular, orthogonal, and ..., as possible in TEX.

◀ Kees van der Laan ▶

MAPS 10 1993

p 145-148 68 kB

Sorting in BLUe

Macros for number and lexicographic sorting are supplied. Data can originate from the copy, from file, or generated automatically. Lexicographic sorting allows words with ligatures and diacritical marks. Applications treated are: sorting with respect to report generation with TEX as a database tool, sorting and compressing index.TEX, Knuth's index reminders file, and sorting control sequences separately. It is illustrated by various examples that a set can be sorted within TEX once the ordering of the set is defined and encoded in a comparison macro, in compliance with the parameter macro \cmp.

◀ sorting ▶
◀ index preparation ▶
database handling
multiple . . .

◀ Kees van der Laan ▶

MAPS 10 1993

p 149-170 259 kB

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Manmac BLUes; or how to typeset a book via TEX

The manmac macros are enumerated. A user's guide is provided, and the encodings are explained. As enhancements the writing of index reminders to the file index.TEX is elaborated upon, and how to incorporate AMS fonts and non-CM fonts is referred to. In the appendixes I provided the source of manmac and my personalized report template. With respect to the latter, I played with the idea of formatting the MAPS specials series in this way.

◀Kees van der Laan▶

MAPS 10 1993

p 171-191 227 kB

AMS BLUes; professionals at work

The significance of the American Mathematical Society for the TEX community at large, and more general the leading role of the AMS in the area of professional computer-assisted typesetting, is praised. AMS-TEX, AMS-LATEX, their accompanying styles amsppt.sty, respectively amsart.sty, as well as AMS fonts are discussed. AMS provides excellent user's and installation guides along with the software and fonts, all in the public domain. Despite the quality, an alternative approach – and in detail some alternative encodings – are provided. A publisher is strongly encouraged to take notice of the computer-assisted publishing activities of this pace-setting society. A new procedural idea with respect to specifying and formatting bibliographies, given a background file of all the references an author is familiar with, is proposed to suit the author and the publisher.

◀Kees van der Laan▶

MAPS 10 1993

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The 14th Annual TEX Users Group Meeting

'A World-Wide Window on TEX'

◀ TUG conference ▶
◀ Aston ▶

◀ Sebastian Rahtz ▶

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◀ report ▶
◀ members meeting ▶

◀ Jos Winnink ▶

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Het weten waard

geen samenvatting (no abstract)

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Van de Voorzitter (1993/2)

geen samenvatting (no abstract)

◀ chairman ▶

◀ Kees van der Laan ▶

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Van uw MAPS Editor (1993)

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◂Gerard van Nes▸

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geen samenvatting (no abstract)

◀ budget ▶

◀ Johannes Braams ▶

MAPS 11 1993

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NTG's Listserver TEX-NL

Overzicht gebruikers listserver.

◀ listserver ▶
◀ TEX-NL ▶

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NTG's Fileserver TEX-NL

Overzicht inhoud NTG fileserver.

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p 17-23 45 kB

TEX-NL archief

Deze bijdrage beschrijft de sinds kort aanwezige beschikbaarheid van het TEX-NL archief op het internet. Zowel inzage is mogelijk in een subject-lijst als in de TEX-NL e-mails zelf.

◀ Jules van Weerden ▶

MAPS 11 1993

p 24 23 kB

INFO-TEX

This article is a adaption of the message send to new users on the INFO-TEX distribution list. It describes some additional features of the LISTSERV (including some other mailing lists) and the additional FILESERV facillity.

◀ George . . . ▶

MAPS 11 1993

p 25-27 39 kB

view

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FGBBS zes maanden later

Henk de Haan en Frans Goddijn geven een uitleg over de werkzaamheden aan FGBBS. Nadat een directory met boeken op disk was gewist, werd de LaTeX-bibliotheek van FGBBS belangrijk uitgebreid. Er werd voor bezoekers een mogelijkheid geschapen om zowel in fidonet als Internet berichten te lezen en te schrijven. Ook een systeem voor offline reading werd aangelegd.

◀ Frans Goddijn ▶
◀ Henk de Haan ▶

MAPS 11 1993

p 28-35 82 kB

Spoorboekje voor het inloggen op FGBBS met LittleComm

Zoals uit het kopje al blijkt, ga ik er hier vanuit dat je nog niet veel ervaring hebt met data-communicatie, en dat je hebt gekozen voor het gebruik van LittleComm. LittleCommspoort je vlug, veilig en voordelig door het fascinerende land van de datacommunicatie. door hem gebruikte setup.

John Timmerman

MAPS 11 1993

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Greetings from TUG

geen samenvatting (no abstract)

◂Christina Thiele▸

MAPS 11 1993

p 41-42 23 kB

view

NTG's Lustrum

NTG's youth in ConTEXt is depicted, with a wink to the future.

◀ 4TEX ▶
◀ BBS ▶
cooperation . . .
cooperation . . .

◀ Kees van der Laan ▶

MAPS 11 1993

p 43-51 122 kB

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Ik ben een leek en vrij van pijnlijk weten

geen samenvatting (no abstract)

Huib van Krimpen

MAPS 11 1993

p 52-56 58 kB

view

TUG '93

This report contains the main issues as perceived by the author. The idea is to get the flavor and my view of the good items across, at the expense of completeness.

LaTeX companion
◀ LaTeX2.09 ▶
◀ NTS ▶
◀ outline fonts ▶
◀ PDF ▶
◀ CTAN ▶
◀ TUG conference ▶
◀ Aston ▶

◀ Kees van der Laan ▶

MAPS 11 1993

p 57-59 47 kB

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TUG Board of Directors

The following are the loosely formulated issues as perceived by me. For more preciseness the reader is referred to the (approved) minutes.

◀ board-of-directors ▶
conference ...
long-range ...
public relations
TEXnical council
exchange of ...

◀ Kees van der Laan ▶

MAPS 11 1993

p 60-61 34 kB

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publications keywords authors titles introduction previous next search exit

CyrTUG '93 and some more

The first open CyrTUG meeting with a few participants from abroad. A rich touristic program next to the usual issues: courses, and special attention to the national TEX problems.

◀ Kees van der Laan ▶

MAPS 11 1993

p 62-66 149 kB

What is TEX and METAFONT all about?

A survey of TEX, its flavours, and its twin sister METAFONT, within the context of Electronic Publishing, is given.

◀ Kees van der Laan ▶

MAPS 11 1993

p 67-87 273 kB

Gebruik en Management van TEX in een Unix omgeving

Een TEX systeem op een Unix systeem omhelst tegenwoordig veel meer dan alleen het gelijknamige programma. Een goed geïntegreerde werkomgeving is mogelijk voor het produceren van een veelzijdig scala aan documenten. We bespreken de structuur van het TEX systeem, de gangbare hulpmiddelen en pakketten eromheen, zoals printer drivers, previewers, font beheer, grafische pakketten, bibliografiebeheer, index beheer, spelling controle e.d. Verder besteden we aandacht aan de beheers- en installatie aspecten ervan, zowel voor een standalone systeem als voor een client-server omgeving met eventueel heterogene systemen.

◀ Piet van Oostrum ▶

MAPS 11 1993

p 88-102 177 kB

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METAFONT for Beginners

This is not a tutorial on METAFONT. It is an attempt to describe how some of the pitfalls in running the program may, hopefully, be avoided.

Geoffrey Tobin

MAPS 11 1993

p 103-110 89 kB

view

TEX zonder omhaal; voor Atari ST en andere PC's (II)

Deze cursus is een vervolg op die in MAPS 93.1. Na een inleiding in het eerste hoofdstuk werden toen in de volgende hoofdstukken behandeld: Boxen, METAFONT en PostScript, Figuren en een vreemd alfabet, en tot slot INITEX en INIMF. In deze bijdrage vervolgen we met hoofdstuk 6: het maken van een mooie brief, niet via 'boxen' in TEX maar m.b.v. LATEX. In hoofdstuk 7 bekijken we de 'artikel-stijl', waarschijnlijk de meest gebruikte vorm van TEX. Dat leidt tot een vergelijking van TEX en LATEX. En tot een alternatief: TEXsis. Deze cursus is een herdruk van een serie artikelen in het blad ST uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

◂Robert Best▸

MAPS 11 1993

p 111-114 64 kB

Frequently Asked Questions (II)

This article contains answers to some frequently asked questions on comp.text.tex. Please don't ask these questions again, as they've been answered many times before. Note that Guoying Chen (chen-guo@spunky.cs.nyu.edu) posts the monthly document Supplementary TEX Information to this newsgroup containing other information and software relevant to TEX users but beyond the scope of this article.

◀Bobby . . .▶

MAPS 11 1993

p 115-125 134 kB

Frequently Asked Questions about emTEX

This is an edited version of a document called emTEX-user Frequently Asked Questions. Eberhard Mattes sent this document on october 3rd, 1993 to the emTEX-user list. In the community of dutch TEX-users emTEX is widely spread. So questions to the list are probably also valuable for many emTEX-users without direct access to the list.

Eberhard Mattes

MAPS 11 1993

p 126-127 28 kB

Frequently Asked Questions about 4TEX (1)

In this note I have gathered some frequently asked questions and remarks. Most of the questions and answers were proposed in Dutch, so I tried to translate them into English. Blame me for (m)any bad English.

◀ Wietse Dol ▶

MAPS 11 1993

p 128-130 44 kB

view

Gezeefd uit de TEX-NL discussielijst (1993/2)

Hier volgt opnieuw een selektie uit de NTG TEX-NL discussielijst. Er werden enkele (korte) items uitgelicht uit de onderwerpen die aan bod gekomen zijn tussen juni en september 1993.

◀ Philippe . . . ▶

MAPS 11 1993

p 131-132 26 kB

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The Comprehensive TEX Archive Network (CTAN)

This paper outlines the concept, development, and use of the Comprehensive TEX Archive Network (CTAN) – a network-accessible archive for files related to the TEX family of document processing. The CTAN is a coordinated effort among consenting well-known archive sites which provides quick identification and retrieval files in a consistent manner from hosts on different continents, thereby reducing overall network load and increasing speed of retrieval. Moreover, it provides users with a parallel archive structure between hosts with holdings which are generally synchronized to within 30 hours of one another. This is achieved by routinely mirroring one another's holdings, as well as mirroring other archives to maintain an up-to-date collection of files.

◀CTAN▶
◀archives▶
◀FTP▶

◀George . . .▶

MAPS 11 1993

p 133-140 86 kB

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4allTEX: NTG's TEX voor MS-DOS

Presentatie van het 4allTEX floppypakket. Opgezet als een TEX-installatie samengepakt op 1 HD floppy, uitbreidbaar met 'hapklare' brokken in de vorm van extra floppies. Het geheel is gebaseerd op het emTEX pakket van Eberhard Mattes, en het 4TEX-pakket.

◀ emTEX ▶
◀ 4TEX ▶
◀ distribution ▶

◀ Phons Bloemen ▶

MAPS 11 1993

p 141-154 106 kB

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publications keywords authors titles introduction previous next search exit

Shells for TEX

This is a review of two ‘shell’ programs for emTEX, the PC-TEX implementation of Eberhard Mattes. The ‘shells’ provide an integrated development environment for making TEX documents. The two ‘shells’ presented here are TEXSHELL by Jürgen Schlegelmilch, and 4TEX by Wietse Dol, Erik Frambach and Maarten van der Vlerk.

◀ Phons Bloemen ▶

MAPS 11 1993

p 155-159 67 kB

Some notes about TEX and MS-Windows

Many people know about TEX compilers and TEX utilities for the MS-DOS PC. However, in the world of WINDOWS there is a lack of knowledge. This note is intended to inform people who like to run TEX under WINDOWS and want all the good stuff that WINDOWS and TEX offers.

◀Wietse Dol▶

MAPS 11 1993

p 160-162 47 kB

A Future for TEX

The future of TEX is invisibility. The role of TEX should be similar to that of the microprocessor in a PC. The microprocessor is the heart of the system, but is completely invisible except for the sticker which says 'intel inside.' TEX must be made invisible with appropriate front-ends. These front-ends should emphasize the manipulation of content over appearance and reverse the trend toward WYSIWYG (What You See Is What You Get) interfaces with their emphasis on manipulation of appearance. Content-oriented interfaces provide far greater user productivity than WYSIWYG systems, and TEX is the ideal basis for such systems.

Roger Hunter

MAPS 11 1993

p 163-166 48 kB

Scientific Word,... een eerste indruk

Eind 1992 kreeg ik een beta-versie van Scientific Word in de bus. Dhr. Kruger was toen zo vriendelijk om mij dit pakket toe te sturen ter evaluatie. Hierna volgt het rapport(je) met mijn bevindingen dat ik hem destijds toestuurde. Zonder twijfel is het product inmiddels verder geëvalueerd en zijn mijn bevindingen dan ook hoogswaarschijnlijk niet echt meer 'up to date'.

◀ Philippe . . . ▶

MAPS 11 1993

p 167-170 50 kB

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The ease of including graphics in TEX documents using 4TEX

In this paper we will show how 4TEX can be used to incorporate graphics in TEX documents. Using 4TEX it not only becomes easy to include graphics in TEX files, but also makes it possible to preview and print TEX documents (including graphics) on any machine and any printer. For inserting graphics in TEX documents, 4TEX uses the style file figures.sty, the shareware programs TEXCAD and GRAPHIC WORKSHOP, and the freeware programs: HP2XX, BM2FONT,PCLTOMSP, and GhostScript. All these programs are discussed and we also discuss how 4TEX uses the strength of these programs to incorporate graphics in TEX documents.

◀Wietse Dol▶

MAPS 11 1993

p 171-176 151 kB

Customizing LaTeX lists

In this article, which is part of the third chapter of our forthcoming book 'A LaTeX Companion', we take a look at LaTeX's list environments. First the various parameters and commands controlling the standard LaTeX lists, enumerate, itemize,anddescription, are discussed. Then the general list environment is introduced and we tell you how to build custom layouts by varying the values of the parameters controlling this environment.

◀ Michel Goossens ▶
◀ Frank Mittelbach ▶
Alexander . . .

MAPS 11 1993
p 177-184 77 kB

An update on the babel system

This article describes the changes that have been made to the babel system, since the article describing the system appeared in TUGboat Volume 12, number 2. This article announces the release of a new version of the babel system.

◀ Johannes Braams ▶

MAPS 11 1993

p 185-186 30 kB

Herziene afbreekpatronen voor het Nederlands

Dutch hyphenation patterns for TEX based upon ‘Groene boekje 1990’

◀ Piet Tutelaers ▶

MAPS 11 1993

p 187-190 46 kB

Typesetting paragraphs of a specified shape

Editor's note: This description of an unusual macro file, shapepar.sty, is taken from the documentation; the full style file can be found in CTAN archives.

◂Donald Arseneau▸

MAPS 11 1993

p 191-193 43 kB

view

TEX from \indent to \par

geen samenvatting (no abstract)

Marek Ryćko
◀ Bogusław . . . ▶

MAPS 11 1993

p 194-198 70 kB

view

LaTeX at WKAP in Dordrecht

In this article, I will explain a couple of things about the use of LaTeX at Wolters Kluwer Academic Publishers (WKAP), a scientific publisher in Dordrecht. WKAP came into existence in the '80s after the merger between D. Reidel Publishing Company, Martinus Nijhoff and Dr W. Junk. Each year, WKAP publishes approximately 200 scientific journals and about 500 books (in reality, 200 scientific journal titles translates into some 1200 journal issues).

Rob de Jeu

MAPS 11 1993

p 199-200 27 kB

TEX en braille... een illusie?

Ongetwijfeld zal bovenstaande titel menig NTG-lid de wenkbrauwen doen fronsen...: Typografie, laat staan TEX, is nu wel het laatste wat wij in verband brengen met onze blinde medemens. In de volgende paragrafen zal ik pogen te verklaren waarom ik TEX als een mogelijk hulpmiddel zie voor de produktie van (eenvoudige) documenten in braille.

◀ Philippe . . . ▶

MAPS 11 1993

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BLUe's bibliography – a generic approach

A new and flexible approach to maintaining and using a bibliography database within (All)TEX is provided.

◀ Kees van der Laan ▶

MAPS 11 1993

p 205-210 76 kB

Matrix icons via LaTeX

Some macros for typesetting matrix icons are provided, based upon LaTeX's picture environment, which don't need coordinate awareness: just the (dimensionless) sizes of the 'boxes.'

◀ Kees van der Laan ▶

MAPS 11 1993

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An application of literate programming: creating a format for the bulletin of the Polish TUG

geen samenvatting (no abstract)

◀ Włodek Bzyl ▶
Tomasz ...

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Teaching Typography – The Didot Project

This paper briefly outlines the Didot project on teaching digital typography. A key issue, namely the nature of the interaction between computer and design specialists, is discussed and related to the type of material that could be included in a curriculum for digital typography. Teaching methods and material that have been developed in this area are outlined and an evaluation of one of these methods is described.

◂ Mary Dyson ▸

MAPS 11 1993

p 216-218 37 kB

Announcement LaTeX2e – A New Version of LaTeX

LaTeX2e is a new, standard version of LaTeX-prepared and supported by the LaTeX3 Project Team.

◀Chris Rowley▶
◀Frank Mittelbach▶

MAPS 11 1993

p 219-220 35 kB

view

Review of recent LaTeX books

Reviews of 'A Guide to LaTeX, Document Preparation for Beginners and Advanced Users' (Helmut Kopka and Patrick Daly), 'LaTeX Line By Line, Tips and Techniques for Document Processing' (Antoni Diller).

◂ Nico Poppelier ▸

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The Technical Council and Special Interest Working Groups

geen samenvatting (no abstract)

Michael Ferguson

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Call for papers: TEP'94 & TUG'94

call for papers for TEP'94 and for TUG'94.

◀ call for papers ▶
TEP
◀ TUG conference ▶
Darmstadt
◀ Santa Barbara ▶

◀ Mary Dyson ▶

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◂ Jos Winnink ▸

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◀ Kees van der Laan ▶

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◂Gerard van Nes▸

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◀report NTG▶

◀Gerard van Nes▶

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Financieel verslag NTG 1993

geen samenvatting (no abstract)

◀ financial report ▶

◀ Johannes Braams ▶

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Use of TEX and LATEX within the NTG community

At the 1993 spring meeting of the Dutch TEX User Group (NTG) the NTG Board was asked to find out in what way TEX and LATEX is used by its members. Main motivation for this question was to find out how important funding of the LATEX-3 project for the members of NTG is. Therefore it was necessary to have insight in the use of TEX and related products/macro packages. It was decided that the board should held a inquiry among the members and if possible present the results at the fall 1993 meeting. This article describes the results of the survey.

◀ Jos Winnink ▶

MAPS 12 1994

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The making of the 4allTEX CD-ROM

In about one half year the world's first turn-key TEX system on CD-ROM was produced. It contains the ms-dos TEX workbench 4TEX version 3.20 in perhaps the largest form ever, plus many TEX sources that are valuable to any TEX user. In this article we present a look behind the scenes, so you get some insight in the course of events that mark the production of NTG's first CD-ROM.

◀ Erik Frambach ▶

MAPS 12 1994

p 19-21 67 kB

FGBBS: de jonge jarige

Stonden de eerste zes maanden van het FGBBS in het teken van onafgebroken uitbreiding van file- en berichtengebieden en het telkens vergroten van de beoogde gebruikersvriendelijkheid, het afgelopen halfjaar hebben we met succes gestreefd naar stabilisatie van het systeem, overigens zonder de actualiteit uit het oog te verliezen.

◀ Frans Goddijn ▶
◀ Henk de Haan ▶

MAPS 12 1994

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4TEX 3.20 a technical note

With the release of the CD-ROM there will also be a new release of the 4TEX workbench (version 3.20). In this note I will try and explain what will be different from the earlier versions (e.g. installed with 4allTEX).

◀ Wietse Dol ▶

MAPS 12 1994

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Frequently Asked Questions about 4TEX (2)

geen samenvatting (no abstract)

◀Wietse Dol▶

MAPS 12 1994

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TEX zonder omhaal; voor Atari ST en andere PC's (III)

TEXDraw wordt getest. Veel Atari ST's worden gebruikt om electronisch muziek te maken, op te nemen (MIDI) en af te drukken in muziekschrift. Dat afdrukken kan ook met TEX. Uitbreidingen van TEX zoals LATEX, TEXsis en MusicTEX maken het zetwerk makkelijker en mooier, maar TEX heeft ook meer werkruimte nodig. We maken een BigTEX en een trefwoordenregister voor een lange tekst. Deze cursus is een herdruk van een serie artikelen uit het blad ST, uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

TEXDraw
MIDITEX
◀ MusicTEX ▶
BigTEX
◀ MakeIndex ▶

◀ Robert Best ▶

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TEX zonder omhaal; voor Atari ST en andere PC's (IV)

Deze keer gaat het over een recent uitgekomen macro-pakket, dat LATEX2e heet. Dit pakket vormt een krachtige set macro's, waarmee je zonder al te veel van TEX af te weten goed uitziende teksten kan produceren. Deze cursus is een herdruk van een serie artikelen uit het blad ST, uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

Mark van Veen

MAPS 12 1994

p 34-36 37 kB

LaTeX2e, an overview

This article gives an overview of the new or extended user commands available with LaTeX2e, the new LaTeX release, compared to the previous version LaTeX 2.09. After introducing the newpreamble commands, the extensions for defining new commands and environments, and handling length and boxes are discussed. The new font selection commands are explained, both for text and math, and it is shown how to easily use different font families. A list of supported class and package files is given and new possibilities for controlling page contents and floats are discussed. Most of this material is described in much greater detail in 'The LaTeX Companion' and in the second edition of the LaTeX Reference Manual.

◀ Michel Goossens ▶

MAPS 12 1994

p 37-46 145 kB

Standard Document Classes and Packages

This article describes the Document Classes and Packages that are availabel or will be available shortly for use with LaTeX2e . The number of available Packages and Classes will obviously change once LaTeX2e is the 'official' LaTeX.

◀ Johannes Braams ▶

MAPS 12 1994

p 47-49 47 kB

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Upgrading old styles

This article deals with the things you have to look for when upgrading and old .sty file for LaTeX2e , turning it into either a Document Class or a Package.

◀ Johannes Braams ▶

MAPS 12 1994

p 50-52 51 kB

A brief guide to TEX assistants

This paper offers a 'back to basics' overview of the various types of software which are of assistance to the TEXnical writer on a personal computer (this includes Unix machines, but excludes, for instance, VMS or VM/CMS systems). It is based on a presentation to the October UK-TUG meeting, and I am grateful to the other speakers, and our chairman Allan Reese, for insights and news. I would also like to refer readers to the Dutch TEX Group's journal MAPS, whose issue 93.2 contains a variety of useful papers on TEX interfaces, two of which are reproduced in Baskerville Volume 3.2 (December 1993).

◂Sebastian Rahtz▸

MAPS 12 1994

p 53-57 359 kB

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Building virtual fonts with ‘fontinst’

This document gives a brief overview of the fontinst package. The fontinst package is used to build virtual fonts (VFs) which allow PostScript fonts to be used as drop-in replacements for the Computer Modern fonts in TEX. Below, I’ll describe VFs briefly, and describe how they can be built using the fontinst package.

Alan Jeffrey

MAPS 12 1994

p 58-59 32 kB

TEX to Hypertext Conversion with LATEX2HTML

LATEX2HTML is a conversion tool that allows existing documents written in LATEX to become part of a global multimedia system. This paper presents some of the reasons for using such a system and describes the basic conversion process.

◀ Nikos Drakos ▶

MAPS 12 1994

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Colour slides with LaTeX and ‘seminar.sty’

geen samenvatting (no abstract)

◀ Michel Goossens ▶
◀ Sebastian Rahtz ▶

MAPS 12 1994

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Making TEX work

This article contains the Table of Contents, Preface, and Chapter 4 of 'Making TEX Work' by Norman Walsh; published by O'Reilly and Associates (ISBN 1-56592-051-1). No effort has been made to preserve the 'look and feel' of the book in this text, and some simplifications have been performed (particularly with respect to special formatting issues and package names).

◀ Norman Walsh ▶

MAPS 12 1994

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Review of ‘Making TEX work’

This is a review of the book ‘Making TEX Work’ by Norman Walsch

Paul Thompson

MAPS 12 1994

Typesetting Greek texts by TEX and LATEX

This paper contains some information on whatever exists for typesetting by TEX documents which contain entirely or in part Greek text. Those who would like to typeset Greek texts not by plain TEX, but rather with LATEX, may find this short article quite useful as well.

Dimitrios Filippou

MAPS 12 1994

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Springer authors do it with TEX

geen samenvatting (no abstract)

Angelika Binding

MAPS 12 1994

p 97-99 33 kB

view

TEX-verwerking bij PRAGMA

PRAGMA uses TEX for producing educational texts. To facilitate development of educational materials, a dedicated macro package has been developed as well as a full featured TEX(t) editing environment.

◂ Hans Hagen ▸

MAPS 12 1994

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Computerondersteund tekstgebruik

geen samenvatting (no abstract)

◂ Hans Hagen ▸

MAPS 12 1994

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Data publishing

This paper demonstrates how commercial software and LaTeX can work together in data publishing.

◂databases▸
spreadsheet
◂tables▸

◂Siep Kroonenberg▸

MAPS 12 1994

p 106-107 28 kB

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Table design

A critical look at table typesetting as practiced by LaTeX users, with before-and-after examples.

◀ Siep Kroonenberg ▶

MAPS 12 1994

p 108-110 52 kB

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BLUe's Transparencies

TEX macros for formatting transparencies are provided. The macros have been designed with reusability of earlier formatted document parts in mind, with a wink to maintenance of the tranparency set.

◀ Kees van der Laan ▶

MAPS 12 1994

p 111-114 59 kB

BLUe's Bibliography

In addition to the earlier method of maintaining a database in TEX, it is shown how to load the entries selectively, without modifying the entries of the database.

◀ Kees van der Laan ▶

MAPS 12 1994

BLUe's Verbatim

A suite of macros for verbatim mode is provided, which are simple, concise and flexible. The functionalities are: verbatim text, and file verbatim inclusion, with 'options' for numbering and enabling of metacode. Options can be supplied via the toks variable `\thisverbatim`, and globally via `\everyverbatim`. The place within ConTEXt can be handled via the defs `\preverbatim` and `\postverbatim`. The macros are ConTEXt independent and can be used at the inner level with AnyTEX.

◀ Kees van der Laan ▶

MAPS 12 1994

p 116-118 40 kB

TUGboat BLUes

The significance of TUGboat for the TEX community at large is praised. (l)tugboat.sty, tugboat.cmn and the TUG authors' guide are discussed, next to their siblings (l)tugproc.sty and the option euroTEX.sty. Article templates for the various 'styles as is' are provided. Independent and in addition to these I included customing files. Also included is my concrete proposal for a tug.ppt style-for preprints of tugboat.sty, and tugproc.sty, in the spirit of ams.ppt. Furthermore, a new and simple alternative to the handling of options for TEX is proposed, based on the toks variable `\this<foo>`, analogous to `\every<foo>`. This is applied to handling verbatims, with as a result a compact suite of verbatim macros to be used with AnyTEX.

block comment
◀ computer-assisted ... ▶
◀ EuroTEX ▶
◀ LATEX ▶
◀ markup ▶
◀ optional ... ▶
◀ preprints ▶
publisher formats
TTN
◀ TUGboat ▶
◀ multi-columns ▶
◀ verbatim ▶

◀ Kees van der Laan ▶

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Book review: ‘Practical SGML’ & ‘Math into TEX’

Two new books are discussed: ‘Practical SGML’ from Eric Herwijnen, and ‘math into TEX, a simple introduction to AMS-LATEX’ from George Grätzer.

◂Nico Poppelier▸

MAPS 12 1994

p 151-152 27 kB

The TEX Hierarchy

For the UNIX operating system, a list of characterizations exists describing what constitutes a novice, a user, a guru, ... Here we give a similar list for users of TEX. The reader is kindly asked to take this purely in a humorous vein.

◀ Donald Arseneau ▶
Raymond Chen
◀ Victor Eijkhout ▶

MAPS 12 1994

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Obtaining TEX

The UKTEX Archive (Internet 'Daughter' archive) on ftp.TEX.ac.uk is part of a collaborating network of archives organised by the TEX Users Group known as CTAN (Comprehensive TEX Archive Network). The three main archives now follow the same structure and have identical files (ftp.TEX.ac.uk, ftp.shsu.edu and ftp.uni-stuttgart.de).

◀Sebastian Rahtz▶

MAPS 12 1994

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LaTeX2e – Second Test Release

The second test release of LaTeX is now available. Notes about this release are at the end of this announcement. The first release revealed a few serious bugs and several other areas which need attention. Many people reported that documents and style files had been processed by the new system without serious problems; this includes one very important test – the original text of 'The LaTeX Manual'! We can also report that this release has been tested with all the files in the LaTeX 2.09 test suite and produces only predictable differences in the output.

Leslie Lamport
◀ LaTeX3 project . . . ▶

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Literate Programming Frequently Asked Questions

This document is for new and experienced users of literate programming tools. The purpose is to explain the concept of literate programming and to provide a resource for locating files of interest to literate programmers and those interested in literate programming.

David Thomas

MAPS 12 1994

p 159-164 61 kB

Report BachoTEX'94

Education was about:

- survey of TEX,
- Polish typographical tradition,
- LATEX2e,
- LaMeX2e,
- Indexing and bibliography making,
- dvips use and so on,
- fonts with TEX and PostScript,
- METAFONT.

The contributions to the conference were about:

- emerging GUST archive,
- LATEX and Polish,
- AmSLATEX.

Phil Taylor had the stage when talking in full colour about book design. Kees van der Laan talked about Manmac, and his BLUe system.

◀ BachoTEX ▶
trip report
◀ music ▶
book design
BLUe introduction

◀ Kees van der Laan ▶

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Report NTEX'94

The meeting of the Nordic countries was attended. Few people did show up because of the distance. Issues at stake were:

- hyphenation patterns for Norwegian,
- how to create your own documentsstyle,
- TUGboat blues.

◀ Kees van der Laan ▶

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Announcement TUG '94

Announcement of TUG '94 conference.

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Announcement EuroTEX'94

Announcement of EuroTEX'94 conference.

MAPS 12 1994

Announcement 4allTEX CD-ROM

Announcement of NTG's 4allTEX cd-rom

◀Erik Frambach▶
◀Wietse Dol▶

MAPS 12 1994

p 171-174 37 kB

Cursusaankondiging 4TEX

Aankondiging 4TEX cursus

◀ Erik Frambach ▶
◀ Wietse Dol ▶

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Een meertalige interface naar TEX
Sub- en Superscripts in Chemische Formules
MIDI2TEX, een MusicTEX tool
BLUe's Format
BLUe's Graphs
BLUe's Cross-referencing
Paradigms: Plain's `\item`-s extended
Paradigms: Headache?

Verslag (1994/2)

Opening 13e NTG bijeenkomst 9 juni 1994; Verslag NTG bijeenkomst van 18 november 1993; Ingekomen stukken en Mededelingen; NTG ledenvergadering; Verslag werkgroepen; Rondvraag en Sluiting; Voordrachten: 'TEX en Educatie'; Volgende bijeenkomsten; Sluiting

◀ Frans Goddijn ▶

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Van de Voorzitter (1994/2)

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◀ chairman ▶

◀ Johannes Braams ▶

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◂Gerard van Nes▸

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NTG's Listserver TEX-NL

Overzicht gebruikers listserver.

MAPS 13 1994

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NTG's Listserver 4TEX

Overzicht gebruikers listserver.

MAPS 13 1994

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Verslag TUG '94

geen samenvatting (no abstract)

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◀ TUG conference ▶
◀ Santa Barbara ▶

◀ Johannes Braams ▶

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Goossens at TUG '94

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◀ Michel Goossens ▶

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Report CyrTUG '94

A magnificant trip to get to know the CyrTUG and its chapters better. Not only Moscow, but also Kazan and St-Petersburg. The driving force is hosted at MIR. The cooperation of the JINR at Dubna and CyrTUG is bound te become beneficial. As usual there were courses around the conference. Issues discussed during the conference:

- LaTeX developments,
- Use of colours,
- LaTeX and PostScript,
- UNIX platforms next to DOS,
- Various user reports,
- BLUe's set of macros on top of manmac.

◀ Kees van der Laan ▶

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Goossens at EuroTEX'94 in Gdansk

Report of EuroTEX'94 conference in Gdansk.

◀ Michel Goossens ▶

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FGBBS: de kastelein

De komst van de 4allTEX CD-ROMs heeft de afgelopen maanden voor veel nieuws gezorgd, ook op FGBBS. Het NTG schonk FGBBS een CD-ROM drive, waarop de 4allTEX werd geplaatst. Inmiddels is de tweede editie 4allTEX gearriveerd, en deze is in zijn geheel beschikbaar via het bulletin board systeem.

◀ Frans Goddijn ▶
◀ Henk de Haan ▶

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General information 4allTEX CD-ROM

The most important items concerning the 4allTEX CD-ROM.

MAPS 13 1994

p 34-36 43 kB

4allTEX, the ultimate TEX-resource

In het Nederlandse maandblad ‘Personal Computer Magazine’ verscheen in het oktober nummer de hier beschreven recensie van LATEX/TEX en de onlangs verschenen 4allTEX CD-ROM.

Hans Paijmans

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The NTG 4allTEX CD-ROM on the Macintosh

geen samenvatting (no abstract)

◀ Hans Renkema ▶

MAPS 13 1994

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Makefont: a new 4TEX utility

The second release of the 4allTEX CD-ROM comes with 4TEX 3.25. This version of 4TEX has a new utility that is not described in the manual. In this note I will explain the use of this extra feature: Makefont. With the makefont utility it becomes easy to include whatever PostScript font you need into your (La)TEX documents. If you have a complete font family of PostScript fonts you can also decide to develop your own style file and use this as your default font family (instead of the CMR family).

◀Wietse Dol▶

MAPS 13 1994

p 40-42 38 kB

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TEX zonder omhaal; voor Atari ST en andere PC's (V)

TEX kan niet alleen instructies uitvoeren maar ook vragen. Het resultaat hangt dan af van de antwoorden van de gebruiker: interactie. Als voorbeeld maken we een brief waarbij de gebruiker (die niets van TEX hoeft te weten) nog de afzender en de geadresseerde kan aangeven. En ... TEX doet niet moeilijk over Poolse accenten. Deze cursus is een herdruk van een serie artikelen uit het blad ST, uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

◂Robert Best▸

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TEX zonder omhaal; voor Atari ST en andere PC's (VI)

METAFONT is een programma waarmee het mogelijk is om via wiskundig beschreven curves en oppervlakken lettertypes of andere symbolen te ontwerpen. Deze kunnen gebruikt worden in het zetprogramma TEX. Dit artikel gaat niet in op het werkelijke ontwerp-proces en zelfs nauwelijks op de faciliteiten die METAFONT hiertoe biedt, maar op de vraag hoe METAFONT functioneert in de Atari-omgeving, gebaseerd op het Public Domain pakket van Christoph Strunk. Kortom: hoe kun je aan het werk met METAFONT? Deze cursus is een herdruk van een serie artikelen uit het blad ST, uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

Rens Swart

MAPS 13 1994

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NTEX 1.2

geen samenvatting (no abstract)

Frank Langbein

MAPS 13 1994

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BLUe blood in math mode?

Some time ago I started work on a book (a collection of letters written by one of the most renowned Dutch publishers, Johan Polak) and at the time I was typesetting it in the Palatino font. Then I heard that the creator of Palatino, the world famous Hermann Zapf, has worked with Donald Knuth. What did they do, I wondered? Is TEX more famous than we think it is? Did the fingers of both geniuses touch in the creation of our Math fonts? The replies to my queries in TYPO-L were promising. You decide.

Palatino
Johan Polak
Donald Knuth
Hermann Zapf
◀ math fonts ▶
TYPO-L
◀ typography ▶

◀ Frans Goddijn ▶

MAPS 13 1994

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CijferBLUes: Verborgen schoonheid in LaTeX 2.09

Een toevallige samenloop van omstandigheden brengt een even verbluffend mooie als oeroude optie van TeX aan het licht, die tot dusverre door bijna iedereen over het hoofd is gezien. Prachtige 'hangende cijfers' zijn in de standaard Computer Modern fonts al sinds jaar en dag beschikbaar, als math italic.

◀ oldstyle ▶
◀ mediaeval ▶
◀ digits ▶
◀ numbers ▶

◀ Frans Goddijn ▶

MAPS 13 1994

p 55-56 42 kB

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The new LaTeX: LaTeX2e

The LaTeX3 project team is pleased to announce the release of the new standard version of LaTeX. It is upwardly compatible with existing LaTeX documents, and contains new features including the long-awaited graphics extensions.

Document Classes and Packages for LaTeX2e

In the first section of this article I describe what document classes and packages are and how they relate to LaTeX 2.09's style files. Then the process of upgrading existing style files for use with LaTeX2e is described. Finally I give an overview of the standard packages and document classes that are part of the distribution of LaTeX2e.

◀ Johannes Braams ▶

MAPS 13 1994

p 58-64 101 kB

How to make your own document style in LaTeX2e

The new LaTeX2e makes it very easy to create new document classes. This paper describes how to use the new features of LaTeX2e. The class 'lecnotes' – a document class suitable for lecture notes – is used as an example.

◀ Dag Langmyhr ▶

MAPS 13 1994

p 65-72 164 kB

A Guide to use Macros and Style Files in LaTeX

People may not need to read this article any more if LaTeX2e has been completed. But since this is somehow transient period from LaTeX v.2.09 to a new one, this kind of documents may be useful for those who are making documents every day and night. This is a concise guide for these people. Authors are hoping this may become a help to many users of LaTeX.

Tetsuo Iwakumay
Tetsuo Furukawa

MAPS 13 1994

p 73-110 798 kB

Een proefschrift zonder knippen en plakken

LaTeX wordt voor veel verschillende soorten drukwerk gebruikt. In dit artikel wordt het vormgeven van een proefschrift met behulp van LaTeX2e beschreven. Hierbij spelen de persoonlijke voorkeuren van de auteur een belangrijke rol, zonder dat daarbij de krachtige mogelijkheden van LaTeX onbenut blijven.

◀ Henk de Haan ▶

MAPS 13 1994

p 111-114 199 kB

TEX: buitengewoon goed tekstverwerken

In bepaalde kringen is het tekstverwerkingsprogramma (of beter: het zetsysteem) TEX bijzonder populair. Het programma is vrij verkrijgbaar bij Bulletin Boards en bestaat ook in een versie voor de Mac. Hans Renkema is een enthousiaste TEX Macintosh gebruiker. In dit artikel geeft hij een beschrijving van TEX.

◀ Hans Renkema ▶

MAPS 13 1994

p 115-117 88 kB

TEX en SGML bij Elsevier Science

Dit artikel beschrijft enkele aspekten van Elsevier Science's electronic publishing programma. Alle tijdschriften in de Physics en Mathematics uitgeefprogramma's accepteren LATEX files van auteurs en gebruiken die voor publikatie. De dvi files gebruiken PostScript fonts die gekombineerd zijn in in-huis ontwikkelde virtuele fonts. In andere wetenschappelijke disciplines worden auteurs files van een breed scala aan tekstverwerkings programmas geaccepteerd en gebruikt voor publikatie. In zijn toekomstige electronic publishing strategie kent Elsevier Science een centrale rol toe aan SGML. Alle binnenkomende artikelen zullen uniform gestruktureerd worden met gebruik van SGML. Alle benodigde publikatietypen zullen uit deze ene bron worden gegenereerd. TEX is een uitstekende formatter voor sommige van deze publikatietypen.

◀ Simon Pepping ▶

MAPS 13 1994

p 118-122 66 kB

Real life book production – lessons learned from 'The LaTeX Companion'

Some aspects of the production of The LaTeX Companion are described.

◀ Michel Goossens ▶
◀ Frank Mittelbach ▶

MAPS 13 1994

p 123-126 48 kB

view

Headers and footers in LaTeX

Standard LaTeX offers the page styles empty, plain, headings and myheadings. For simple page layouts these suffice, but they are rather rigid. A more flexible page layout may be obtained by using the FANCYHEADINGS package. This article describes how to create advanced page headers and footers in LaTeX documents by using this package. Some of the techniques described are also applicable with other page styles.

◀ Piet van Oostrum ▶

MAPS 13 1994

p 127-135 96 kB

view

publications keywords authors titles introduction previous next search exit

METAFONT als matrixprinter

Een verslagje van een stoeipartij met METAFONT, waarbij METAFONT wordt ‘misbruikt’ als matrixprinter. Door alleen de vorm van de ‘printnaalden’ te definiëren, en een beperkt aantal plaatsen waar ze neer mogen komen, kun je heel snel een font in elkaar zetten.

◀ Phons Bloemen ▶

MAPS 13 1994

p 136-138 114 kB

PostScript fonts in TEX

A guide through the jungle of installing and using PostScript and other types of fonts in TEX. The installation of the font is discussed, and it is shown how to use the fonts in an automatic font generation scheme.

◀ PostScript fonts ▶
automated ...
font installation

◀ Phons Bloemen ▶

MAPS 13 1994

p 139-148 131 kB

view

publications keywords authors titles introduction previous next search exit

(Al)DraTEX, a package for doing (portable) graphics in TEX

Eitan Gurari's graphics package for (La)TEX is discucced.

◀ Jos Winnink ▶

MAPS 13 1994

p 149-152 148 kB

Plaatjes in een tekst

In deze artikel wordt eerst aandacht besteed aan de (beperkte) mogelijkheden die LaTeX zelf biedt voor het maken van plaatjes. Soms zijn die voldoende, en dan is het wel zo gemakkelijk om die te gebruiken. Daarna wordt de rol van PostScript besproken bij het gebruik van plaatjes, al of niet in combinatie met LaTeX. Vervolgens wordt een vijftal tekenprogramma's besproken waarmee interactief ingewikkeldere figuren gemaakt kunnen worden. Tenslotte wordt aangegeven hoe 'bitmaps' (letterlijke afbeeldingen van het scherm van een computer) als plaatje behandeld kunnen worden. Dit laatste is vooral van belang bij het schrijven van handleidingen voor programma's.

Jeroen Fokke
◀ Piet van Oostrum ▶

MAPS 13 1994

p 153-166 495 kB

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PPCHTEX: Chemische Structuurformules in TEX

In dit artikel wordt een macropakket beschreven waarmee chemische (structuur)formules kunnen worden gezet. Dit pakket is te gebruiken bovenop Plain TEX, LATEX en andere pakketten. Het pakket is in eerste instantie ontwikkeld bovenop ConTEXt.

This article is about a package for typesetting chemical formulas. The package has a multilingual interface. This means that all all commands and keywords can be toggled to English. Some day, this article and the manual will be translated in English too.

◀ Hans Hagen ▶
◀ Ton Otten ▶

MAPS 13 1994

p 167-177 201 kB

Een meertalige interface naar TEX

Macropakketten voor TEX zijn vrijwel altijd Engelstalig. In dit artikel wordt een meertalige interface beschreven, zoals die is toegepast in PPCHTEX, een pakket dat kan worden gebruikt om chemische structuurformules te zetten.

◀ Hans Hagen ▶

MAPS 13 1994

p 178-182 61 kB

Sub- en Superscripts in Chemische Formules

In dit (korte) artikel wordt een mechanisme beschreven om subscript op een lijn te krijgen. Dit is nodig omdat de positie van een subscript mede bepaald wordt door de hoogte en diepte van een eventueel aanwezig superscript.

superscript ...
subscript ...
◀ PPCHTEX ▶
font dimensions

◀ Hans Hagen ▶

MAPS 13 1994

p 183 31 kB

view

publications keywords authors titles introduction previous next search exit

MIDI2TEX, een MusicTEX tool

geen samenvatting (no abstract)

Hans Kuykens

MAPS 13 1994

p 184-188 81 kB

BLUe's Format

An independent format – blue.fmt – is proposed to assist authors with creating, formatting, exchanging and maintaining compuscripts during the lifephases of publications. The format builds upon manmac.TEX and the functionalities provided by tugboat.sty. Experience gained by publishers has been picked up too, because of my in-depth study of the activities of AMS with respect to TEX formatting. More recent work of Knuth and co-authors has been borrowed from gkpmac.TEX. The design goal was to provide a format which suits me, which is easy to customize – to the world outside, and in general to changing circumstances – and which complies with the adages of software engineering. Another aim of blue.fmt is that it can be used throughout the lifecycle of publications on modest equipment to format articles, transparencies and you name it. The hoped for lifety is a lifetime. En-passant the design process is accounted for. New is the handling of a database of references – with cross-referencing – or pictures all in one-pass job.

active documents
◀design▶
◀documentation▶
◀error handling▶
◀floats▶
◀format▶
inner versus ...
inserts
lifephases ...
markup language
◀plain TEX▶
scripts
◀software ...▶
◀reusable ...▶
◀style▶
◀transparencies▶

◀Kees van der Laan▶

MAPS 13 1994

p 189-199 137 kB

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publications keywords authors titles introduction previous next search exit

BLUe's Graphs

Graphics facilities for plain TEX have been collected from The TEXbook, manmac and gkpmac, as part of blue.fmt. The gkpmac picture macros are handy and provide a subset of LATEX's functionality. A database of pictures is proposed. No interaction with METAFONT (or) nor the incorporation of encapsulated PostScript have been treated.

◂circle▸
curve
◂databases▸
◂disks▸
◂graphics▸
◂format▸
lines
◂pictures▸
◂plain TEX▸
◂reusable . . . ▸
◂selective loading▸
◂software . . . ▸
splines
vectors

◂Kees van der Laan▸

MAPS 13 1994

p 200-206 82 kB

view

BLUe's Cross-referencing

A one-pass semi-automatic cross-referencing scheme for math is proposed, which requires some hand adjustments when forward references are used. The method is just a little beyond manmac's approach, to assist BLUe.

◀ compatible . . . ▶
cross-referencing
graph referencing
math referencing
◀ optional . . . ▶
◀ plain TEX ▶
symbolic names
tables referencing

◀ Kees van der Laan ▶

MAPS 13 1994

p 207-209 58 kB

view

publications keywords authors titles introduction previous next search exit

Paradigms: Plain's \item-s extended

The design and coding of items for BLUe's format is explained. The treated items – bulleted, (automatically) numbered or alphabetisized – are a compatible extension to plain's \item. Pitfalls in use are mentioned.

◀ Kees van der Laan ▶

MAPS 13 1994

p 210-211 24 kB

Paradigms: Headache?

The design of headings for BLUe's format is explained, starting from the basic and general two-part macros up to the full-blown blue((sub)sub)head versions.

◀ Kees van der Laan ▶

MAPS 13 1994

p 212-214 40 kB

MAPS 14 1995

Verslag (1995/1)
Het weten waard
Van de Voorzitter (1995/1)
Van uw MAPS Editor (1995)
Concept begroting 1995
Financieel verslag NTG 1994
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From the TUG President
Op FGBBS vaart alles wel
TEX-NL discussielijst
De NTG op het World Wide Web
General information 3rd edition of the 4allTEX CD-ROM
Some Announcements from Usenet
Announcement from the LATEX3 Project Team
Diplomatic edition of a medieval Icelandic manuscript
Het digitaal produceren van een proefschrift
METAFONT's mode_def in action
Combining TEX and PostScript
Portable Documents: Why Use SGML?
Formatting SGML Manuscripts
SGML and LATEX
HTML & TEX: Making them sweat
The Inside Story of Life at Wiley with SGML, LATEX and Acrobat
Theory into Practice: working with SGML, PDF and LATEX at Elsevier ...

LaTeX2HTML Update'95
LaTeX2HTML ervaringen; Van Handleiding in LaTeX tot Hulp Module ...
Electronic Publication and Data Distribution for the Five College ...
A World Wide Web Interface to CTAN
An Introduction to HyperTeX
The HyperLaTeX Markup Language
HTML -> LaTeX -> PDF, of de intrede van TeX in het hypertext tijdperk
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TeXtures: zo goed als gezegd wordt?
Scientific Word / Workplace 2.0.1; Whats new?
Scientific WorkPlace; een eerste indruk
Kleurgebruik in TABLE
TeX-verwerking in kleur
Een zwart-wit kijk op kleur
Genezen van WPosis – nu heb ik chronische TeXitis...
HH Gets Carried Away; hhmuf, hhflxbox and hhcount
The Scenario – in Three Versions; hhparmrk does it
Sorting in TeX's Mouth
One by one the guests arrive
BLUe's Format Databases
BLUe's Index
BLUe's Letters
BLUe's Reports
Paradigms: Two-part macros
Paradigms: Parameterization I – options

BLUe's Typesetting of PASCAL
TUG'95
Reisverslag BachoTEX'95
EuroTEX'95

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Verslag (1995/1)

Opening 14e NTG bijeenkomst 17 november 1994; Verslag NTG bijeenkomst van 9 juni 1994; Ingekomen stukken en mededelingen; Begroting 1995; Wat verder ter tafel komt; Communicatie; Rondvraag en Sluiting; Voordrachten; Volgende bijeenkomsten

◂ report ▸
◂ members meeting ▸

◂ Frans Goddijn ▸

MAPS 14 1995

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Het weten waard

geen samenvatting (no abstract)

MAPS 14 1995

p 5-6 46 kB

Van de Voorzitter (1995/1)

geen samenvatting (no abstract)

◀ chairman ▶

◀ Johannes Braams ▶

MAPS 14 1995

p 7 14 kB

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Van uw MAPS Editor (1995)

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◂Gerard van Nes▸

MAPS 14 1995

p 8-10 58 kB

view

Concept begroting 1995

geen samenvatting (no abstract)

◀ budget ▶

◀ Wietse Dol ▶

MAPS 14 1995

p 11-12 33 kB

view

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Financieel verslag NTG 1994

geen samenvatting (no abstract)

◂Wietse Dol▸

MAPS 14 1995

p 13-14 38 kB

Jaarverslag NTG 1994

geen samenvatting (no abstract)

◀report NTG▶

◀Gerard van Nes▶

MAPS 14 1995

p 15-17 47 kB

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From the TUG President

geen samenvatting (no abstract)

◂Christina Thiele▸

MAPS 14 1995

p 18 21 kB

Op FGBBS vaart alles wel

FGBBS kreeg weer de nodige uitbreidingen, waarvan een sneller modem het meest merkbaar is.

◀ Frans Goddijn ▶

MAPS 14 1995

p 19-20 20 kB

TEX-NL discussielijst

Overzicht gebruikers listserver.

◀ Jules van Weerden ▶

MAPS 14 1995

De NTG op het World Wide Web

Het internet is een van de meest snel groeiende elektronische media. Dit is mede te danken aan het zogenaamde World Wide Web (WWW). In dit artikel wordt ingegaan op de functie van het Word Wide Web, het gebruikte tekstformaat (HTML) en de mogelijkheden die het voor de NTG kan hebben. Er wordt ingegaan op de huidige (experimentele) service en er worden een aantal mogelijke nieuwe toepassingen vermeld.

◀ Henk de Haan ▶

MAPS 14 1995

p 22-23 70 kB

General information 3rd edition of the 4allTEX CD-ROM

geen samenvatting (no abstract)

MAPS 14 1995

p 24-26 38 kB

Some Announcements from Usenet

geen samenvatting (no abstract)

◂Gerard van Nes▸

MAPS 14 1995

p 27-29 47 kB

view

Announcement from the LaTeX3 Project Team

We are pleased to present the final report on ‘Math Font Encoding’ produced by Justin Ziegler for the LaTeX3 project.

◀ Frank Mittelbach ▶

MAPS 14 1995

p 30 12 kB

Diplomatic edition of a medieval Icelandic manuscript

geen samenvatting (no abstract)

Andrea de ...

MAPS 14 1995

p 31-34 278 kB

view

Het digitaal produceren van een proefschrift

Het digitaal produceren van een proefschrift beschrijft hoe een proefschrift, in LaTeX gemaakt, als PostScript-file via het modem naar de drukker gestuurd kan worden om vervolgens op een Docutech systeem (600 dpi) gedrukt te worden.

Ed Boets

MAPS 14 1995

p 35-36 27 kB

METAFONT's mode_def in action

In order to obtain maximum output quality when using METAFONT for rendering bitmapped fonts you need to specify the characteristics of the intended output device. This is done by defining a mode_def in which several variables are assigned. The meaning and effect of these variables are discussed in a case study of two types of laser printers.

◀Erik Frambach▶

MAPS 14 1995

p 37-39 57 kB

Combining TEX and PostScript

PostScript is becoming a de facto standard as a device independent page description language. By embedding PostScript elements in TEX we can extend the use of TEX to new areas of application. In the first part of the paper we give some general information about PostScript and its features. In the rest of the paper we present some of our own experiences and solutions in combining TEX and PostScript:

- dictionaries, prolog files and how to save a lot of space with PostScript figures produced in CorelDRAW, Mathematica, ...;
- writing TEX-PostScript macros, case: drawing graphs (combinatorics) in TEX; PostScript error handling mechanism, an application in function graph drawing macro.

◀ PostScript ▶
inclusion of ...
dictionaries
◀ error handling ▶

Vladimir Batagelj

MAPS 14 1995

p 40-46 132 kB

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Portable Documents: Why Use SGML?

In this article we present a few ideas as a framework for the discussion of portable documents. We address a number of questions:

- What are portable documents?
- Who needs them, and why?
- How to produce them, now and in the future.

David Barron

MAPS 14 1995

p 47-48 24 kB

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Formatting SGML Manuscripts

This article is about typography, SGML, TEX, and SIMSIM, which is a new TEX macro package. Close by are copies of several of the OHP transparencies. They were typeset directly from an SGML document instance using SIMSIM.

◂ Jonathan Fine ▸

MAPS 14 1995

p 49-52 90 kB

view

SGML and LaTeX

SGML – Standard Generalized Markup Language – is a formal language to describe structured text documents. It should be introduced here by comparison to TeX and LaTeX.

Horst Szillat

MAPS 14 1995

p 53-55 38 kB

view

HTML & TEX: Making them sweat

HTML is often criticised fo its presentation-oriented conception. But it does contain sufficient structural information for many everyday purposes and this has led to its development into a more stable form. Future platforms for the World Wide Web may support other applications of SGML, and the present climate of popularity of the Web is a suitable opportunity for consolidation of the more stable features. TEX is pre-eminently stable and provides an ideal companion for the process of translating HTML into print.

Peter Flynn

MAPS 14 1995

p 56-60 53 kB

The Inside Story of Life at Wiley with SGML, LaTeX and Acrobat

geen samenvatting (no abstract)

Geeti Granger

MAPS 14 1995

p 61-63 41 kB

view

Theory into Practice: working with SGML, PDF and LaTeX at Elsevier Science

geen samenvatting (no abstract)

Martin Key

MAPS 14 1995

p 64-66 30 kB

LaTeX2HTML Update'95

A new version of LaTeX2HTML (version 95.1) is available since January 1995. This article outlines some of the main changes.

◀ Nikos Drakos ▶

MAPS 14 1995

p 67-68 33 kB

view

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LaTeX2HTML ervaringen; Van Handleiding in LaTeX tot Hulp Module op Internet

Welkom op de digitale snelweg! Steeds meer informatie wordt er aangeboden op het Internet, en met het uitgroeien van het Internet groeit de onoverzichtelijkheid. In dit artikel wordt een toepassing van LaTeX2HTML beschreven waarbij een LaTeX document wordt omgezet naar een reeks goed gestructueerde pagina's op het World-Wide Web. Deze toepassing betreft een document die een handleiding is voor Internet-gebruikers (voornamelijk voor medewerkers van Laboratoriumvoor Analytische Chemie, KUN, Nijmegen). Er worden wat voordelen en voorbeelden van het LaTeX2HTML gebruik gegeven en hoe je het programma kunt aanpassen naar je eigen wensen. Bekijk de LaTeX documenten ook eens op deze moderne manier en blader eens met de muis door je tekst, getransformeerd tot een digitaal wonder op je scherm. Oftewel: LaTeX2HTML2!

Arno Kemperman

MAPS 14 1995

p 69-73 117 kB

Electronic Publication and Data Distribution for the Five College Astronomy Department

The Star Formation Group at FCAD has begun to make use of the World Wide Web to explore the advantages of hypermedia presentations for the distribution of preprints, Ph. D. theses and observatory publications. As a byproduct of this work, a method for displaying subscripts and superscripts has been developed. This set of bitmaps is publically available.

Karen Strom

MAPS 14 1995

p 74-76 74 kB

A World Wide Web Interface to CTAN

There are a lot of different software packages, style files, fonts, etc. in the CTAN archives. Finding the things you need in a timely fashion can be difficult, as I found out while writing Making TEX Work. The ability to combine descriptions of packages with the directory listings from CTAN could help alleviate some of the difficulty. HTML, the document structuring language of the World Wide Web, provides one possible means of combining different views of the archive into a single vision. The CTAN-Web project is my attempt to provide this vision.

◀ Norman Walsh ▶

MAPS 14 1995

p 77-82 204 kB

An Introduction to HyperTEX

The popularity of the World-Wide-Web and the HTML hypertext language for electronic distribution of information over the internet has thus far been difficult to extend to scientific documents, in part because TEX, the word processing language of choice for technical and mathematical documents, does not have the hypertext capabilities necessary for full integration into the WWW. HyperTEX consists of a collection of extensions of TEX to handle both internal and external (local or networked) hypertext, thus allowing the huge body of TEX-based documents to be more fully integrated with the WWW. This introduction was originally prepared for the American Physical Society e-print meeting at Los Alamos, New Mexico, Oct. 15, 1994.

Arthur Smith

MAPS 14 1995

p 83-86 57 kB

The HyperLaTeX Markup Language

HyperLaTeX is a little package that allows you to use LaTeX to prepare documents in HTML (the hypertext markup language used by the World Wide Web), and, at the same time, to produce a fine printed document from your input. You can use all of LaTeX's power for the printed output, and you don't have to learn a new language for creating hypertext documents.

Otfried ...

MAPS 14 1995

p 87-98 144 kB

HTML -> LaTeX -> PDF, of de intrede van TeX in het hypertext tijdperk

Wij beschrijven hier het produktieproces van elektronische hyper-documenten met behulp van LaTeX en Adobe Acrobat. Na een algemene beschrijving van de voor- en nadelen van LaTeX terzake geven we een omschrijving van elke stap, alsook van zekere te nemen voorzorgen met als doel efficiënte Acrobat documenten te bekomen. De lezer zal in dit artikel een beschrijving vinden van de software tools DVIPS repere en recticrt, en eveneens de basisprincipes van het formaat PDF. Vertaald door Philippe Vanoverbeke.

◀ Acrobat ▶
DVIHPS
◀ PDF ▶
repere
recticrt

◀ Yannis . . . ▶

MAPS 14 1995

p 99-108 178 kB

view

publications keywords authors titles introduction previous next search exit

Adobe Acrobat 2.0; Beyond the bounds op paper

geen samenvatting (no abstract)

◂Wiegert Tierie▸

MAPS 14 1995

p 109-119 239 kB

view

Conversion from WORD/WordPerfect to LaTeX

Production of a large document with many contributors may require conversion of all submitted manuscripts into the same format, for example LaTeX. A large proportion of manuscripts are submitted in the formats of WORD and WordPerfect, two very popular word processing programs. I will discuss different approaches converting such files to LaTeX format. First of all the differences between the word processors MS-WORD and WordPerfect versus the document preparation system LaTeX will be explained, and problems encountered during text conversion into LaTeX will be discussed. The conversion can be done either by means of a seperate program (external conversion) or using macros, style sheets and a printer driver from within the word processors (internal conversion). Advantages and disadvantages of both methods for different types of text elements such as plain text, lists, tables and mathematical formulas will be discussed. This is followed by an overview of the conversion programs currently available.

Marion Neubauer

MAPS 14 1995

p 120-124 79 kB

TEXtures: zo goed als gezegd wordt?

geen samenvatting (no abstract)

◀ Hans Renkema ▶

MAPS 14 1995

p 125-126 31 kB

view

Scientific Word / Workplace 2.0.1; Whats new?

Scientific Word version 1.x from TCI Software Research has gotten improvements and an offspring. The improvements are not only better support for different LaTeX styles and dialects but also more user conveniences and better stability. The offspring is Scientific Workplace, a similar Windows software package under Windows 3.1. But besides all the Scientific Word functions it also has a built-in Maple Version V interface and many Maple symbolic calculation functions. Not to forget that version 2.0.1. works fine under OS/2 Warp with all its speed and data exchange advantages.

◀ Jan Krugers ▶

MAPS 14 1995

p 127-128 35 kB

Scientific WorkPlace; een eerste indruk

Het pakket SCIENTIFIC WORKPLACE. versie 2.0(SWP), vroeger Scientific Word, is een uitgebreide versie van een 'WhatYouSeeIsWhatYouGet' tekstverwerker gebaseerd op LaTeX2e en werkend onder Microsoft Windows. De uitbreiding bestaat uit een deel van een 'Computer Algebra' pakket, de kernel van Maple. Verder is er een programma om toetsen samen te stellen, uit databestanden met opgaven. Deze voorlopige test van versie 2.0 is uitgevoerd op een IBM compatibele PC, met een 486 processor en 8MBintern geheugen, door een persoon met LaTeX 2.09 en Maple ervaring, maar zonder kennis van MSWindows ('waar is dat nou voor nodig...') of SCIENTIFIC WORKPLACE. Voor het installeren en testen zijn twee volle dagen gebruikt. Dit verslag geeft vanzelfsprekend slechts een eerste indruk van het pakket.

◀ Cees Fortuin ▶

MAPS 14 1995

p 129-130 42 kB

Kleurgebruik in TABLE

Dit artikel beschrijft enkele macro's die het mogelijk maken binnen TABLE cellen van een tabel van een achtergrondkleur of raster te voorzien. We beperken ons tot een wat technische beschrijving en gaan voorbij aan de esthetische kant van de zaak.

◀ Hans Hagen ▶

MAPS 14 1995

p 131-136 64 kB

TEX-verwerking in kleur

Vooral beginnende TEX-gebruikers ervaren de mix van commando's en tekst als verwarrend. Mede om die reden hebben wij zo'n vier jaar geleden onze tekstverwerker afgestemd op het gebruik van TEX, door TEX-commando's op een wat afwijkende manier weer te geven. Het blijkt dat, afgezien van aanvullende mogelijkheden om de syntax te controleren, het aantal fouten in commando's drastisch afneemt.

◀ Hans Hagen ▶

MAPS 14 1995

p 137-138 23 kB

Een zwart-wit kijk op kleur

Wie tegenwoordig op een zwart-wit tv-toestel een uitzending volgt zal zich vaak tevreden moeten stellen met een weinig contrastrijk beeld. Na de introductie van de kleuren-tv is nog lang rekening gehouden met zwart-witkijkers. De keus van kleuren in decors werd mede afgestemd op de weergave in zwart-wit. Dit is niet verwonderlijk, omdat de zwart-witkijkers een ruime meerderheid vormden. Op papier lijkt zich een dergelijke ontwikkeling af te spelen. Voor kleurenprinters geschikte illustraties, kunnen op zwart-wit printers een matig beeld opleveren. Het is dan ook de vraag hoe we aan de ‘wensen’ van de overgrote meerderheid van zwart-wit printers tegemoet kunnen komen.

color gray ...
color gray ...
color ...
ConTEXt color ...

◂ Hans Hagen ▸
Johan Jonker

MAPS 14 1995

p 139-145 376 kB

view

publications keywords authors titles introduction previous next search exit

Genezen van WPosis – nu heb ik chronische TEXitis...

Bij het vormgeven van een voorstel voor reglementen overschreed een verstokte WordPerfect-gebruiker de grenzen van zijn geliefde tekstverwerker. Frans Goddijn hielp hem aan de TEX. In dit artikel geeft een nieuwe TEX-gebruiker een globale indruk van zijn laatste ervaringen met WordPerfect en zijn eerste ervaringen met TEX. Hij doet dit aan de hand van het werk aan een document waarin het mogelijk moest zijn om vele typografische middelen onafhankelijk van elkaar te gebruiken om verschillende soorten passages aan te duiden. Dit bleek in TEX goed te realiseren, zij het met veel inspanning, en het resultaat was zeer bevredigend. Toen het eerste document eenmaal gereed was, bleek het bovendien daarna zeer eenvoudig om soortgelijke documenten te zetten.

◀ Herman Haverkort ▶

MAPS 14 1995

p 146-148 75 kB

HH Gets Carried Away; hhmuf, hhflxbox and hhcount

This article presents hhmuf's multinotes: special cheery footnotes to be used in special situations, including so-called 'forbidden environments'. Then it presents hhflxbox's self-scaling frames: encircling macros are provided but you can define enwhatevering macros yourself by means of the macros provided by hhflxbox. Finally hhcount is presented: macros to handle simple and composite counters in a fancy way.

◂circle▸
counter
dice
footnote
forbidden ...
frame
◂index▸

◂Herman Haverkort▸

MAPS 14 1995

p 149-155 137 kB

view

publications keywords authors titles introduction previous next search exit

The Scenario – in Three Versions; hhparmrk does it

During work towards a flexible document as a continuous report on a wide variety of contacts for the Meridian Arts Ensemble in New York, Frans Goddijn felt the need to tag and mark certain paragraphs for specific groups of readers. Herman Haverkort wrote a package for LaTeX2e, hhparmrk, which facilitates this by offering the possibility to set various signs next to paragraphs. This article presents hhparmrk, gives examples of its use and a short manual. For the hackers among us some of the TeXnical tricks involved behind the scenes are glanced at.

◀ paragraph ▶
mark
◀ distribution ▶
select

◀ Herman Haverkort ▶
◀ Frans Goddijn ▶

MAPS 14 1995

p 156-162 129 kB

view

publications keywords authors titles introduction previous next search exit

Sorting in TEX's Mouth

TEX's macro processor, the so-called mouth, can be used to perform very complex tasks. Because this part of TEX's programming language is as powerful as a Turing machine, it is possible to implement algorithms using only TEX's mouth. I will show how sorting algorithms can be implemented in a straight-forward and very elegant and under-standable way using only macros and macro expansion TEXniques.

Bernd Raichle

MAPS 14 1995

p 163-168 81 kB

One by one the guests arrive

A plea is made for writing macros in plain TEX sufficiently documented to be used with all flavours of TEX.

◀ Kees van der Laan ▶

MAPS 14 1995

p 169 23 kB

BLUe's Format Databases

The backgrounds, use, and coding of BLUe's Format Databases have been discussed. Two kinds of databases have been introduced class I (data, such as addresses, references, and script parts for example pictures), and class II (macros, such as variant formats and tools). At the heart lies the selective loading TEXnique, which allows that only what is needed will be loaded on-the-fly. The data structures and operations on them have been treated. The use within the ConTEXt of typesetting scripts have been elucidated via examples. At the end the coding is explained.

publications keywords authors titles introduction previous next search exit

◀ active list ... ▶
◀ addresses ▶
◀ comment blocks ▶
◀ compatible ... ▶
◀ data integrity ▶
◀ databases ▶
◀ FIFO ▶
◀ lazy evaluation ▶
◀ list element tag ▶
◀ mail-merge ▶
◀ number ranges ▶
◀ pattern matching ▶
◀ pictures ▶
◀ plain TEX ▶
◀ references ▶
◀ reusable ... ▶
◀ searching ▶
◀ selective loading ▶
◀ set macros ▶
◀ software ... ▶
◀ table of contents ▶
◀ variant ... ▶

◀ Kees van der Laan ▶

MAPS 14 1995

p 170-177 102 kB

view

BLUe's Index

The creation of a modest index within a one-pass TEX job is proposed. In general a proof run and a final run are needed. The markup for the index entries is the same as used by Knuth for The TEXbook. The process is controlled by the tags: `\sortindex` and `\pasteupindex`. The file which emerges after `\sortindex` can be enriched by hand, for example to include 'see also' and the like. Sorting keys can be specified too, as well as items which have to be ignored for the sorting. The macros have been developed for use with English documents. To leave open the use with other languages the ordering has been parameterized in an ordering table.

◀ compatible ... ▶
◀ index ▶
◀ number ranges ▶
◀ one-pass job ▶
◀ ordering table ▶
◀ plain TEX ▶
◀ reusable ... ▶
◀ software ... ▶
◀ sort keys ▶

◀ Kees van der Laan ▶

MAPS 14 1995

p 178-186 117 kB

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publications keywords authors titles introduction previous next search exit

BLUe's Letters

The backgrounds, use, design, and coding of BLUe's Letters format have been discussed. The purpose is to format a letter, merge it with address(es) from a database, and typeset it all with the appropriate background such as logo and the like, completely within TEX. Separate labels can be obtained too, either specified by name or searched for by pattern.

◀active list . . . ▶
◀addresses▶
◀compatible . . . ▶
◀databases▶
◀data integrity▶
◀FIFO▶
◀lazy evaluation▶
◀letter▶
◀list element tag▶
◀mail-merge▶
◀pattern matching▶
◀plain TEX▶
◀reusable . . . ▶
◀set macros▶
◀software . . . ▶

◀Kees van der Laan▶

MAPS 14 1995

p 187-192 73 kB

view

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BLUe's Reports

The backgrounds, use, design, and coding of BLUe's Reports format have been discussed. The purpose is to format a report as a compatible extension of the default note format of BLUe's format. As such it is an example of how to customize BLUe's format system with a format of your own. The differences have to do with not only using titles but also reusing the titles for table of contents, list of examples, and running headlines the preliminary pages and cover pages which are absent with the default note format appendices may contain collected information from the script such as answer to the exercises (similar as in The TEXbook), table of examples, table of contents, and an index.

◀ active list ... ▶
◀ compatible ... ▶
◀ databases ▶
◀ data integrity ▶
◀ FIFO ▶
house style
◀ lazy evaluation ▶
◀ list element tag ▶
◀ pattern matching ▶
◀ plain TEX ▶
◀ reusable ... ▶
separation of ...
◀ set macros ▶
◀ software ... ▶

◀ Kees van der Laan ▶

MAPS 14 1995

p 193-199 81 kB

view

publications keywords authors titles introduction previous next search exit

Paradigms: Two-part macros

The use of two-part macros in BLUe's format is discussed. First the reason why in general two-part macros are beneficial is explained. Practical examples from the TEX-NL discussion list have been treated. The automatically generation of a one-part macro on top of two-part macros is given. The impossibility of reusing copy with different catcodes in TEX is mentioned and illustrated with an example from the TEXbook.

◀ BLUe format ▶
catcodes
multiple use of ...
◀ plain TEX ▶

◀ Kees van der Laan ▶

MAPS 14 1995

p 200-204 73 kB

view

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Paradigms: Parameterization I – options

The use of options in BLUe's format is discussed. A survey is given of how Knuth coped with the functionality of optional arguments in TEX and manmac. As an extension to TEX's `\every<tag>` the BLUe's `\this<tag>`s are introduced, with the advantage of simpler handling of arguments. It is contrasted with the use in TUGboat's style files and AMS's ppt.sty.

◀ Kees van der Laan ▶

MAPS 14 1995

p 205-207 58 kB

BLUe's Typesetting of PASCAL

The formatting of PASCAL programs within plain TEX is proposed. Only `\beginpascal` and `\endpascal` have to be added as markup. In general the literate programming tools are to be preferred, especially when designing, developing, documenting, and maintaining professional software.

◀ compatible ... ▶
◀ FIFO ▶
◀ Pascal ▶
◀ pattern matching ▶
◀ plain TEX ▶
pretty-printing
◀ reusable ... ▶
◀ software ... ▶

◀ Kees van der Laan ▶

MAPS 14 1995

p 208-210 45 kB

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TUG'95

geen samenvatting (no abstract)

MAPS 14 1995

p 211 26 kB

Reisverslag BachoTEX'95

Verslag bijeenkomst Poolse TEX users group GUST.

◀ Erik Frambach ▶

MAPS 14 1995

p 212-213 81 kB

EuroTEX'95

Announcement of EuroTEX'95 conference.

MAPS 14 1995

MAPS 15 1995

Verslag (1995/2)
Van de Voorzitter (1995/2)
Van de TUG President (1995)
Concept begroting 1996
Verslag 16e TUG-bijeenkomst
TUG'95 at St. Petersburg Beach – a Personal View
EuroTEX'95 in Nederland!

Verslag (1995/2)

Opening 15e NTG bijeenkomst 24 mei 1995; Verslag NTG bijeenkomst van 17 november 1994; Ingekomen stukken en mededelingen; NTG ledenvergadering; Verslag commissie voor kascontrole / vaststelling nieuwe commissie; Bestuursverkiezingen; EuroTEX'95; Miscellaneous; Rondvraag en sluiting; Voordrachten.

◀ Frans Goddijn ▶

MAPS 15 1995

p 1-4 56 kB

Van de Voorzitter (1995/2)

geen samenvatting (no abstract)

◀ chairman ▶

◀ Erik Frambach ▶

MAPS 15 1995

p 5 14 kB

view

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Van de TUG President (1995)

geen samenvatting (no abstract)

◀ Michel Goossens ▶

MAPS 15 1995

p 6 14 kB

view

Concept begroting 1996

geen samenvatting (no abstract)

◀ Wietse Dol ▶

MAPS 15 1995

Verslag 16e TUG-bijeenkomst

geen samenvatting (no abstract)

◀TUG conference▶
◀St. Petersburg▶
◀Florida▶

◀Wietse Dol▶
◀Gerard van Nes▶

MAPS 15 1995

p 8-13 1471 kB

view

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TUG'95 at St. Petersburg Beach – a Personal View

geen samenvatting (no abstract)

◀ TUG conference ▶
◀ St. Petersburg ▶
◀ Florida ▶

◀ Michel Goossens ▶

MAPS 15 1995

p 14-20 77 kB

view

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EuroTEX'95 in Nederland!

Programma en inschrijfformulier EuroTEX conferentie.

MAPS 15 1995

p 21-22 57 kB

Proceedings of the Ninth European TEX Conference

Graphics for TEX: a new implementation
TEX Plotter – a program for creating 2D and 3D pictures
VFComb – a program for design of virtual fonts
The status of Babel
Upages – plain TEX for professionals
A practical introduction to SGML
From LATEX to HTML and back
Pascal: formatting Pascal using TEX
Beyond the bounds of paper and within the bounds of screens; the ...
PPCHTEX: typesetting chemical formulas in TEX
LATEX, HTML and PDF, or the entry of TEX into the world of hypertext
The release 1.2 of the Cork encoded DC fonts and the text ...
A METAFONT–EPS interface
Use of TEX as database with AnyTEX
Indexing in TEX with AnyTEX
A Russian style for Babel: problems and solutions
Data with daTEX
Modifying LATEX
The proposed TEX Directory Structure
Occam's Razor and macro management
A package for Church-Slavonic typesetting
The W95 environment
MusiXTEX, even more beautiful than MusicTEX for music typesetting
e-TEX: a 100%-compatible successor to TEX

Adobe Acrobat 2.0: Beyond the bounds of paper
Typesetting commutative diagrams
Conversion of the Euler METAFONTs into the PostScript Type1 language
When METAFONT does it alone

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Graphics for TEX: a new implementation

geen samenvatting (no abstract)

◀graphics▶
◀picture . . .▶
◀\special▶

Andrey Astrelin

Proceedings of ...

p 1-4 200 kB

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TEX Plotter – a program for creating 2D and 3D pictures

The MS DOS program which creates 2D and 3D TEX pictures for the plots of functions of two variables f(x,y) is described. In comparison with Gnuplot this program enables to plot the equilines (2D view) and the surface (3D view) pictures correctly and without memory overflow even for complex cases. The input is the ASCII file which contains the data points (Xij, Yij, Zij) of the function z = f(x,y) calculated over non-regular quadrangular mesh. The output is the ASCII file which contains the required picture in TEX format. The program has a flexible menu driven user interface and enables to create and to preview the output pictures with a variety of styles. At the time being the program supports LATEX commands, EPIC/EEPIC macros and emTEX specials. In future the program should support TEX graphical tools like MFPiC, PiCTEX and EPS-files.

◀ Alexander . . . ▶
◀ S. Turtia ▶

Proceedings of ...

p 5-10 430 kB

view

VFComb – a program for design of virtual fonts

The MS DOS program which enables to simplify the design of the virtual fonts is described. Its main purpose was to facilitate the integration of CM-fonts with cyrillic LL-fonts created by O. Lapko and S. Strelkov but it can be used for various applications. It uses the information from TFM-files (converted to ASCII form by TFtoPL) and the ASCII data files created by the User on its input, and produces the VPL-file on its output which can be converted to the virtual font using VPtoVF. The characteristic feature of the program is that it can assemble the font ligature tables and user defined ligature tables for the characters extracted from various fonts and combine the metric information from various TFM-files. VFComb supports the full syntaxis of PL-files and VPL-files as it was defined by D.E. Knuth and adds new commands like symbolic variables or conditional operators, which simplifies the creation and the debugging of the virtual fonts.

Proceedings of ...

p 11-16 264 kB

The status of Babel

In this article I will give an overview of what has happened to Babel lately. First I will briefly describe the history of Babel; then I will introduce the concept of ‘shorthands’. New ways of changing the ‘language’ have been introduced and Babel can now easily be adapted for local needs. Finally I will discuss some compatibility issues.

◀ Johannes Braams ▶

Proceedings of ...

p 17-26 282 kB

Upages – plain TEX for professionals

When I have started my professional typography works in plain TEX, I found many things, which are done in each document. Some of them are language specific or trivial, but there exists many topics, which are strongly untrivial, and often required. TEX has many limitations, but there is (in recent time) nothing better in whole the world. Thus, we have powerful macro language but we haven't easy way to do many things: references, contents, page offsetting, interpretation of text token by token, cooperation with PostScript devices, device independent color and line drawing capabilities, easy box rotation and landscaping, making sheets and booklets, making other margins than 1in, creating cropmarks, color signatures, color separations etc.

Certainly, there is many powerful macro systems, but they are very big, often slow, and cancels many capabilities of plain TEX. I have been particularly inspired by them, and particularly by some macros for plain TEX. But many of these macros are incompatible, if you want to use two of them, because one overwrites settings of the second.

This all is good reason to write powerful macros these things instead of creating trivial macros twice a month. Then you needn't spend much time to correct bugs caused by these trivial macros. That's why I have written my upages.TEX macros. This chapter doesn't want to be a manual to these macros, but only an introduction with examples.

upages.TEX macros consists on more parts. In this text I will describe the most powerful and interesting parts of them. I hope that my macros will greet many plain TEXists. They makes easy to prepare documents and to make hooks and patches.

Stanisław Brabec

Proceedings of ...

p 27-34 254 kB

view

publications keywords authors titles introduction previous next search exit

A practical introduction to SGML

SGML, the Standard Generalized Markup Language, deals with the structural markup of electronic documents. It was made an international standard by ISO in October 1986. SGML soon became very popular thanks in particular to its enthusiastic acceptance in the editing world, by large multi-national companies, governmental organizations, and, more recently, by the ubiquity of HTML, Hypertext Markup Language, the source language of structured documents on WWW. This article discusses the basic ideas of SGML and looks at a few interesting tools. It should provide the reader with a better understanding of the latest developments in the field of electronic documents in general, and of SGML/HTML in particular.

◀Michel Goossens▶
◀Janne Saarela▶

Proceedings of ...

p 35-104 808 kB

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From LaTeX to HTML and back

Both LaTeX and HTML are languages that can express the structure of a document, and similarities between these two systems are shown. A detailed study is made of the LaTeX2HTML program, written by Nikos Drakos, that is today the most complete utility for translating LaTeX code into HTML, providing a quasi-automatic translation for most elements. A discussion of a few other tools for translating between HTML and LaTeX concludes the article.

◀ Michel Goossens ▶
◀ Janne Saarela ▶

Proceedings of ...

p 105-168 891 kB

Pascal: formatting Pascal using TEX

This paper is based on our ideas about how a system which formats programs written in a structured language must work. Particularly, tools which help in typesetting texts where algorithms are described. Most of our ideas have been put in practice in the pascal system, which automatize the elegant layout of Pascal programs. This system is programmed as a TEX macro package.

Pedro Palao ...
Manuel Núñez ...

Proceedings of ...

p 169-180 355 kB

Beyond the bounds of paper and within the bounds of screens; the perfect match of TEX and Acrobat

geen samenvatting (no abstract)

◂ Hans Hagen ▸

Proceedings of ...

p 181-196 451 kB

view

PPCHTEX: typesetting chemical formulas in TEX

This article is about a package for typesetting chemical formulas. The primary interface of this package is in the dutch language. Because PPCHTEX has a multilingual interface, all commands and keywords can be toggled to english. The Dutch version of this article is published in NTG's MAPS (94.2) and is translated to English by H. de Weert.

◀ Hans Hagen ▶
◀ Ton Otten ▶

Proceedings of ...

p 197-222 337 kB

view

LaTeX, HTML and PDF, or the entry of TeX into the world of hypertext

An onverview of the relation between LaTeX, HTML (WWW) and PDF is presented.

◀ Yannis ... ▶
◀ Sebastian Rahtz ▶

Proceedings of ...

p 223-238 381 kB

view

publications keywords authors titles introduction previous next search exit

The release 1.2 of the Cork encoded DC fonts and the text companion symbol fonts

I present the release 1.2 of the dc fonts and the companion text symbol fonts. I give an overview of the improvements on the dc fonts from version 1.1 to 1.2. The rationale for introducing a text symbol font is explained and the text symbol encoding TS1 is presented. In the appendix, there are font tables of the mentioned fonts.

◀ Jörg Knappen ▶

Proceedings of ...

p 239-256 812 kB

A METAFONT–EPS interface

The MFtoEPS package enables METAFONT to produce EPS (Encapsulated PostScript) output.

Proceedings of ...

p 257-272 522 kB

Use of TEX as database with AnyTEX

The use of BLUe's format databases is treated. A new issue is introduced since the emerge of BLUe's Format system this spring. Boolean tags can be added to for example address.dat entries to denote fields and their contents. Together with `\search` one can easily obtain the list of names – and via these names the full entries, i.e., the addresses – of those who have not paid their membership fee, for example.

publications keywords authors titles introduction previous next search exit

◀ active list . . . ▶
◀ addresses ▶
◀ comment blocks ▶
◀ compatible . . . ▶
◀ data integrity ▶
◀ databases ▶
◀ FIFO ▶
◀ lazy evaluation ▶
◀ list element tag ▶
◀ mail-merge ▶
◀ number ranges ▶
◀ pattern matching ▶
◀ pictures ▶
◀ plain TEX ▶
◀ references ▶
◀ reusable . . . ▶
◀ searching ▶
◀ selective loading ▶
◀ set macros ▶
◀ software . . . ▶
◀ table of contents ▶
◀ variant . . . ▶

◀ Kees van der Laan ▶

Proceedings of ...

p 273-278 278 kB

view

Indexing in TEX with AnyTEX

The creation of a modest index within a one-pass TEX job is treated. In general a proof run and a final run are needed.

◀compatible . . . ▶
◀index▶
◀number ranges▶
◀one-pass job▶
◀ordering table▶
◀plain TEX▶
◀reusable . . . ▶
◀software . . . ▶
◀sort keys▶

◀Kees van der Laan▶

Proceedings of ...

p 279-288 294 kB

view

publications keywords authors titles introduction previous next search exit

A Russian style for Babel: problems and solutions

As with other languages using nonlatin basis there are some typographic features and national peculiarities that must be shown in the style. The paper describes the Russian style with macros `\captionrussian` for four standard Russian documents, `\daterussian`, `\Asbuk` and `\asbuk` for Russian alphabet counters and `\mathrussian` for Russian math operators. Some problems concerning the usage of this style (e.g. usage of different encodings) are described.

Olga Lapko
Irina Makhovaya

Proceedings of ...

p 289-294 279 kB

Data with daTEX

The authors explain how to handle data in TEX documents, in particular, how to avoid ever having to type in – and check! – the same data or text twice. These data may be stored in ordinary (non-TEX) databases, in ASCII files arranged according to the easy daTEX format, or in the TEX document itself. daTEX works in plain TEX and is supposed to work in LATEX.

◂databases▸
data manipulating
filtering
ASCII

◂Andries Lenstra▸
Steven Kliffen
◂Ruud Koning▸

Proceedings of ...

p 295-308 285 kB

view

Modifying LaTeX

This is an updated version of a document that was first written to be part of the distribution of the new standard LaTeX. It was produced in response to suggestions that the modification and distribution conditions for the files in our system should be similar to those implied by Version 2 of the GNU General Public Licence, as published by the Free Software Foundation.

Although we are by now convinced that the principles described here are sound, the detailed consequences of these for the distribution and modification conditions are still evolving. Thus this article should not be treated as a definitive version of these conditions, even at the date of its publication.

Proceedings of ...

p 309-314 242 kB

The proposed TEX Directory Structure

The concept of a standardized TEX directory structure is explained.

◀ Joachim Schrod ▶

Proceedings of ...

p 315-316 156 kB

view

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Occam's Razor and macro management

The philosophical principle known as Occam's Razor asserts that entities should not be multiplied beyond necessity. The TEX utility OCCAM is a tool to eliminate from a collection of supporting TEX macros (composite commands) those that are unnecessary in a given typescript. Hopefully, it will serve to (a) let Plain TEX users produce typescripts which can be electronically posted in a compact form that is nevertheless autonomous and perfectly archival, and (b) to simplify a macro package before making modifications for a special purpose.

The OCCAM utility will ultimately be programmed entirely in TEX language to assure that it is universally available. Today it is just an evolving prototype implemented with a bit of help from an editor (on Macintosh) that has a programmable control language based on GREP.

To achieve reasonably automatic functioning of OCCAM, not requiring surveillance by a TEX programmer, it is necessary to maintain a carefully structured master version of each macro package involved; this .occ version can double as the documented source version of the package.

Occam's Razor
macro . . .
◀ plain TEX ▶
TEX typescripts
◀ electronic . . . ▶
docstrip
◀ LATEX ▶

◀ Laurent . . . ▶

Proceedings of ...

p 317-330 311 kB

view

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A package for Church-Slavonic typesetting

The multilingual ability of TEX is one of its most important properties. Due to TEX it became possible to produce high-quality books in many different languages (sometimes with very exotic grammatic rules). For more than 10 years of its existence TEX became a real polyglot and it seems that it doesn't want to stop evaluating. In this paper one more, may be rather exotic, example of practical usage of TEX is considered, and also many ideas and solutions which result from 5-year experience of TEX using.

Andrey Slepuhin

Proceedings of ...

p 331-338 301 kB

The W95 environment

Since 1992 the “WORKSHOP 9x” seminar takes place at the Czech Technical University (CTU) every year. The aim of this wide seminar is to give all the CTU researchers or teams an oportunity to present their research projects in twenty minutes of speech and two pages of proceedings of the seminar. I solved the technical problem of making the proceedings using LaTeX. As the number of contributions increases year by year and the time for making the book is limited some automation of the typesetting process was and still is necessary. The W94 and W95 are attempts to transfer part of the typesetting work from the final typesetter to the authors. The W9x is simple single-purpose user-interface between LaTeX and the MS-DOS user who may know nothing about TeX and LaTeX. Some experiences (both technical and psychological) of using this system in the two last years are discussed in the paper and may be useful for organizers of seminars, conferences etc. where contributors are not TeX users and the proceedings are to be made with TeX.

Antonín Strejc

Proceedings of ...

p 339-350 337 kB

view

MusiXTEX, even more beautiful than MusicTEX for music typesetting

MusiXTEX is a new music typesetting package derived from MusicTEX, but it provides more beautiful scores than MusicTEX did. While MusicTEX was a single pass package, MusiXTEX is a three pass system: the first pass performs a rough TEXing which reports the spacings of each music section, the second pass is a computation of the best note spacings, and the third one is the final TEXing process. The beauty of single notes does not significantly differ from MusicTEX, but slurs are much more beautiful, and notes are regularly spaced instead of being irregularly spaced with glue.

◀ Daniel Taupin ▶

Proceedings of ...

p 351-358 304 kB

view

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e-TEX: a 100%-compatible successor to TEX

e-TEX is the first concrete result of an international research & development project, the NTS Project, which was established under the aegis of DANTE during 1992. The aims of the project are to perpetuate and develop the spirit and philosophy of TEX, whilst respecting Knuth's wish that TEX itself should remain frozen.

◀ Philip Taylor ▶

Proceedings of ...
p 359-370 284 kB

Adobe Acrobat 2.0: Beyond the bounds of paper

An overview of the concept and features of Adobe Acrobat is given.

◂ Wiegert Tierie ▸

Proceedings of ...

p 371-390 429 kB

view

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Typesetting commutative diagrams

There have been several efforts aimed at providing TEX and its derivatives with a suitable mechanism for typesetting commutative diagrams, with the consequent availability of several macro packages of widespread use in the category theory community, and a long debate about the best syntax to adopt for commutative diagrams in LATEX3 has taken place during 1993 in the CATEGORIES discussion list. From the user's point of view, however, there is not much guidance when it comes to choosing a macro package, and even after a decision is made, the conversion of diagrams from the particular conventions of a macro package to another macro package's conventions may prove to be rather hard.

Typesetting commutative diagrams is a surprisingly difficult problem, in comparison with TEX macro packages for other purposes, as judged by the amount of code needed and years of development invested. The existing macro packages for typesetting commutative diagrams are reviewed in this paper and they are compared according to several criteria, among them the capability to produce complex diagrams, quality of the output diagrams, ease of use, quality of documentation, installation procedures, resource requirements, availability, and portability. The compatibility of the different macro packages is also analyzed.

Proceedings of ...

p 391-424 752 kB

Conversion of the Euler METAFONTs into the PostScript Type1 language

A report of the process of converting Hermann Zapf's Euler fonts from METAFONT sources to PostScript Type1 format.

◀Erik-Jan Vens▶

Proceedings of ...

p 425-430 229 kB

view

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When METAFONT does it alone

Combining METAFONT and TEX when typesetting text and graphics together is shown on several occasions to bring very impressive results. A. Hoenig presented a method for communication between TEX and METAFONT in order to solve two problems otherwise difficult to handle within TEX or METAFONT alone: label placement for diagrams generated by METAFONT, and curvilinear typesetting. We show that the method for curvilinear typesetting (involving three passes in Hoenig's approach) can be considerably simplified by using the extended ligature mechanism of TEX 3, and that a single METAFONT pass is actually sufficient, with quite a simple interface on TEX's side. Institutional seal text placement can be realized as a simple METAFONT application using this method. While PostScript offers ready-to-use easy solutions to this class of problems, METAFONT solutions can still be preferable to PostScript because of the ability of adding META-ness, e.g., by introducing second-order magnitude corrections/distortions to the letters and/or logos in order to enhance legibility when used in smaller sizes.

◀Jiří Zlatuška▶

Proceedings of ...

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Verslag (1996/1)

Opening 16e NTG bijeenkomst 5 september 1995; Verslag NTG bijeenkomst van 24 mei 1995; Ingekomen stukken en mededelingen; Begroting 1996; Verslag TUG'95; Rondvraag en sluiting; Volgende bijeenkomsten.

◀ Frans Goddijn ▶

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Het weten waard

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Van uw MAPS Editor (1996/1)

geen samenvatting (no abstract)

◀Gerard van Nes▶
◀Wietse Dol▶

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Financieel verslag 1995

geen samenvatting (no abstract)

◂Wietse Dol▸

MAPS 16 1996

p 7-8 51 kB

Jaarverslag NTG

geen samenvatting (no abstract)

◀report NTG▶

◀Gerard van Nes▶

MAPS 16 1996

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Van de TUG President (1996)

geen samenvatting (no abstract)

◀ Michel Goossens ▶

MAPS 16 1996

p 12-13 19 kB

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Bericht van FGBBS

Een beschouwing over de vraag of, sinds de opkomst van Internet, er nog behoefte is een een BBS systeem. De voorlopige conclusie luidt dat een BBS op regionaal en klein-nationaal gebied een prettige aanvulling kan zijn op hetgeen het Internet te bieden heeft.

◀ Frans Goddijn ▶

MAPS 16 1996

p 14-15 20 kB

A plug-and-play teTEX CD-ROM

GUTenberg and UKTUG, in collaboration with TUG and NTG, are producing a plug-and-play CD-ROM based on Thomas Esser's teTEX distribution. It adheres to the TDS (TEX Directory Structure) tree structure (see, for instance, TUGboat 16(4), pages 401-412).

◀Michel Goossens▶
◀Sebastian Rahtz▶

MAPS 16 1996

Attending EuroTEX'95 in Papendal

Report of EuroTEX'95 conference in Arnhem.

◀ Michel Goossens ▶

MAPS 16 1996

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BachoTEX 1996

Verslag bijeenkomst Poolse TEX users group GUST.

◀ BachoTEX ▶
◀ report ▶
◀ GUST ▶
◀ Poland ▶

◀ Wietse Dol ▶
◀ Erik Frambach ▶

MAPS 16 1996

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The 17th Annual TEX Users Group Meeting

geen samenvatting (no abstract)

MAPS 16 1996

p 26-29 83 kB

view

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De kunst van het programmeren

Sinds 1962 werkt Donald Knuth aan een informaticabijbel die over twintig jaar af moet zijn. Tussendoor ontwierp hij een tekstververwerker met eigen typografie en legde hij een Mona Lisa uit dominosteentjes.

Dirk van Delft

MAPS 16 1996

p 30-32 154 kB

An Interview with Donald Knuth

geen samenvatting (no abstract)

Jack Woehr

MAPS 16 1996

p 33-37 94 kB

Knuth meets NTG members

On January 6th 1996, Kees van der Laan informed the NTG that Donald Knuth would be in Holland in March. Knuth was invited by the Mathematisch Centrum (MC, nowadays called Centrum voor Wiskunde en Infor-matica, CWI) because of CWI's 50th anniversary. Both Knuth and Mandelbrot were invited as speakers at the celebration. The NTG noticed that this was an exceptional occasion to organize a special meeting with Knuth for all Dutch TEX and METAFONT users who would like to meet the Grand Wizard himself. Fortunately Knuth accepted the NTG invitation and so a meeting was organized in 'De Rode Hoed' in Amsterdam on March 13th. About 35 people from all over the country and even from Belgium joined to meet Knuth. Everything was recorded on both video and audio tape by Gerard van Nes. Christina Thiele volunteered to write this transcript.

◂Knuth▸
◂dutch▸
visit
interview
◂NTG▸

◂Christina Thiele▸

MAPS 16 1996

p 38-49 201 kB

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TEX without 4TEX on the PC

An example of a command-line interface for an existing 4TEX installation. Configuration involves defining environment variables and DOSKEY macros. This simplicity comes at the cost of greater dependence on PostScript/GhostScript and the loss of some advanced features.

◀ 4TEX ▶
configuring
DOSKEY
◀ GhostScript ▶

◀ Siep Kroonenberg ▶

MAPS 16 1996

p 50-53 26 kB

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Van dictaat tot boek

In 1980 werd ik docent natuurkunde aan de HTS te Arnhem voor de afdeling elektrotechniek. Toendertijd werd een leerboek gebruikt dat heel aardig de meer traditionele componenten behandelde, maar bijna niets wist te melden over wat tegenwoordig in een schakeling zit: dioden, transistoren en dat soort componenten. Een eerste navraag bij landelijke collega's leverde wel een soort werkgroepje op, maar niet de gezochte 'nieuwe' leerstof. Dus maar zelf schrijven. Dat moet in eerste instantie letterlijk worden opgevat, maar ook met een tekstverwerker als LaTeX moet veel zelf worden gedaan. Wat begon rond 1985 als dictaat, per hoofdstuk afgedrukt, eindigde rond 1995 als boek: twee delen 'Elektron natuurkunde' in de serie natuurkunde voor het HBO bij de Educatieve Uitgevers.

◀ Cees Fortuin ▶

MAPS 16 1996

p 54-56 63 kB

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Enkele ervaringen met LaTeX

Ter sprake komen de persoonlijke ervaringen met LaTeX rond onder meer de uitwerkingen en antwoorden-boeken van de methode 'Wiskunde voor het hoger onderwijs' (R. van Asselt, e.a., uitgave van: Educatieve Partners Nederland BV), de ervaringen met betrekking tot verzorgde bijscholingscursussen LaTeX t.b.v. het personeel van de faculteit en de overige tekstverwerkingsactiviteiten.

Rom Pijlgroms

MAPS 16 1996

p 57 12 kB

Een LaTeX-cursus in Groningen

Begin mei heeft bij de afdeling wiskunde en informatica van de Rijksuniversiteit Groningen voor de tiende keer een LaTeX-cursus plaatsgehad. Onderstaand een kort relaas over het ontstaan van deze cursus en het doel ervan.

◀ Rein Smedinga ▶

MAPS 16 1996

Het gebruik van LaTeX voor wiskunde lessen

geen samenvatting (no abstract)

Ben Geels

MAPS 16 1996

p 59 35 kB

view

Van ms-troff naar LaTeX

geen samenvatting (no abstract)

◂ Piet Tutelaers ▸

MAPS 16 1996

p 60 kB

view

The LaTeX2HTML translator: An Overview

LaTeX2HTML is, as its name implies, a translator which converts a standard LaTeX document into Hypertext Markup Language (HTML), for incorporation into the World-Wide Web. Like LaTeX, it is freely available software, supported by highly dedicated volunteers. Unlike LaTeX, it is currently available only on UNIX platforms.

Herbert Swan

MAPS 16 1996

p 61-73 172 kB

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Zijn Scientific Word en TEX uitwisselbaar?

geen samenvatting (no abstract)

Jan Jacobs
Jan-Egbert Sturm

MAPS 16 1996

p 74-75 55 kB

view

Typografisch programmeren

In dit artikel wordt de ontwikkeling van een interactief document beschreven. De getoonde voorbeelden demonstreren de kracht van TEX als typografische programmeertaal. Omdat dergelijke documenten het moeten opnemen tegen (vaak dedicated) programma's, kan het ontwikkelen ervan worden omschreven als typografisch programmeren.

◀ Hans Hagen ▶

MAPS 16 1996

p 76-81 180 kB

Paradigms: It's all in the game

With the game tic-tac-toe as example it is shown how to dialogue with TEX. Three versions of a macro are discussed. The first prototype implements the bare-to-the-bones game. The other versions have increasingly better user interfaces and more intelligence implemented.

◀ Kees van der Laan ▶

MAPS 16 1996

p 82-84 43 kB

Paradigms: The winds and halfwinds – Details matter

The implementation of the turtle graphics idea in plain TEX as part of BLUe's format graphics facilities has been discussed. Examples are the (recursive) coding of the Pythagorian and trinary trees. As spin-off the implementation of a (binary) chart – a binary tree with labels – is given. Rotation of trees goes simply by renaming the wind directions.

binary tree
◀ BLUe format ▶
◀ graphics ▶
◀ plain TEX ▶
recursion
trinary tree
◀ turtle graphics ▶

◀ Kees van der Laan ▶

MAPS 16 1996

p 85-90 94 kB

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BLUe-2-LaTeX – expansion and some more

Conversion should not be a problem. It is best to use a general accepted tool, which comes with a preprint format. Until BLUe's format is generally accepted a BLUe script has to converted to comply with publishers' formats to get it out. Conversion via TeX's expansion is exercised in this note, with as result a plain TeX Convertor Assistant, in the spirit of AWK. In netland it does not matter because BLUe's format system is available from CTAN and NTG's 4allTeX CD-ROM, and therefore everybody can format BLUe scripts, and no conversion is needed.

◀ Kees van der Laan ▶

MAPS 16 1996

p 91-99 113 kB

Graphics and TEX – a reappraisal of METAFONT

It is all about the author's first steps in METAFONT, for creating graphics to be included in TEX documents, with a wink to . The graphics comprises 2D pictures and 2.5D images of 3D objects via projection techniques. Learning METAFONT was much easier than learning TEX. Included examples are: cat, Hilbert curve, and Gabo's linear construction in space no 2. A few highlights on macro writing in METAFONT have been selected. The appendix contains the table of contents of my anthology.mf file of examples.

◀computer art▶
constructivism
◀graphics▶
Hilbert
hidden lines
◀METAFONT▶
◀PostScript▶
◀projection▶

◀Kees van der Laan▶

MAPS 16 1996

p 100-107 137 kB

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Page layout in LaTeX

This article describes how to customize the page layout of your LaTeX documents, i.e how to change page margings and sizes, headers and footers, and the proper placement of figures and tables (collectively called floats) on the page. Originally this was the documentation of the fancyheadings package. It did contain also other info, e.g. advanced use of marks. It has now been upgraded to include more, e.g. the handling of floats. The fancyheadings documentation has been upgraded to conform to version 2 of this package 1 . For reasons of compatibility with certain operating systems, the name of the package has been changed to fancyhdr. Although this paper uses LaTeX2e commands, most of the techniques can be used with older LaTeX versions with appropriate changes.

◀ Piet van Oostrum ▶

MAPS 16 1996

p 108-125 167 kB

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Colored Verbatim

This module implements (just another) verbatim environment. Especially when the output of TEX is viewed on an electronic medium, coloring has a positive influence on the readability of TEX sources. About half of the module is therefore dedicated to typesetting TEX specific character sequences in color. In this article I'll present some macro's for typesetting inline, display and file verbatim. The macro's are capable of handling <tabs> too.

◀ Hans Hagen ▶

MAPS 16 1996

p 126-139 85 kB

MAPS 17 1996

Verslag (1996/2)
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Van uw MAPS Editor (1996/2)
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Een rol voor TEX in het 3de millennium
(Cyr)TuG, and some more
De spelling van het lot
Heeft TEX nog toekomst?
Do journals honor LATEX submissions?
Introduction to “TEX Unbound: LATEX & TEX Strategies, Fonts, ...
Virtual Fonts, Virtuous Fonts
Detailed Contents for “TEX Unbound: LATEX & TEX Strategies, Fonts, ...
A LATEX tour, part 1: the base distribution
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FRISTI
PMGRAPH.STY: some useful macros which extends the LATEX picture ...
Using EPS Graphics in LATEX2e Documents
StarTEX – a TEX for beginners
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Paradigms: Just a little bit of PostScript
Visual Debugging in TEX: a short introduction

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Verslag (1996/2)

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◂ Frans Goddijn ▸

MAPS 17 1996

p 1-3 30 kB

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geen samenvatting (no abstract)

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Van uw MAPS Editor (1996/2)

geen samenvatting (no abstract)

◀ Wietse Dol ▶

MAPS 17 1996

Concept begroting 1997

geen samenvatting (no abstract)

◀ Wietse Dol ▶

MAPS 17 1996

Een rol voor TEX in het 3de millennium

geen samenvatting (no abstract)

◀ Michel Goossens ▶

MAPS 17 1996

(Cyr)TuG, and some more

Report of TUG meeting in Dubna, Russia.

◀Kees van der Laan▶
◀Erik Frambach▶

MAPS 17 1996

p 9-10 64 kB

De spelling van het lot

Het SPELLINGBESLUIT gepubliceerd in Staatsblad 394 (Besluit van 19 juni 1996, houdende voorschriften omtrent de schrijfwijze van de Nederlandse taal) heeft niet alleen gezorgd voor veel gekrakeel tussen neerlandici, maar het vormde ook een buitenkans voor uitgeverijen van werken als HET GROENE BOEKJE (binnen zes maanden 500.000 verkochte exemplaren). Kleinere ondernemingen brachten floppies op de markt met woordenlijsten en algoritmen. Intussen sloeg een groepje mensen (bestaande uit – in alfabetische volgorde – Erick Branderhorst, Erik Frambach, Frans Goddijn, Hans Hagen, Gerard van Nes, Piet Tutelaers, Jacoline van Weelden en Peter van Zeeland, en terzijde gestaan door Hans Linders) de handen ineen om te komen tot een vrij beschikbare, zo correct mogelijke Nederlandse woordenlijst.

◂new dutch▸
dutch spelling
◂spell checker▸
Groene Boekje

◂Frans Goddijn▸

MAPS 17 1996

p 11-16 76 kB

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Heeft TEX nog toekomst?

This articles is meant as a starting point for further discussion on the future of TEX. The author wrote this expose after a discussion in the NTG board concerning the future of TEX and the NTG.

◂ Hans Hagen ▸

MAPS 17 1996

p 17-22 82 kB

Do journals honor LaTeX submissions?

The survival of LaTeX in the academic world will depend on TeX and LaTeX evolving towards changing publishing practices, but also on publishers actually accepting LaTeX submissions. Much has been said about the former, with a recent feature number of TUGboat addressing the subject of electronic publishing. When it comes to the latter issue, however, it is often taken for granted that scientific journals honor LaTeX submissions. An extensive research over the Internet reveals that, on the contrary, at the turn of the century many journals still regret to accept LaTeX submissions, sometimes preferring RTF or even bare ASCII sources to TeX or LaTeX. This note discusses some of the issues behind this situation and compiles all journals known to the au-thor that accept electronic submission of LaTeX articles in source form, thereby complementing the TeX counterpart.

◀ LaTeX ▶
◀ journals ▶
submissions
academic

◀ Gabriel . . . ▶

MAPS 17 1996

p 23-31 117 kB

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publications keywords authors titles introduction previous next search exit

Introduction to "TEX Unbound: LATEX & TEX Strategies, Fonts, Graphics, and More"

geen samenvatting (no abstract)

◂Alan Hoenig▸

MAPS 17 1996

p 32-33 37 kB

view

Virtual Fonts, Virtuous Fonts

Virtual fonts allow us to use all digital fonts with TEX, even non-TEX ones, and do much more for us. What are virtual fonts? Several projects grant us necessary experience with them. This document comprises somewhat less than half of the similarly named chapter which will appear in the book TEX Unbound: LATEX and TEX Strategies for Fonts, Graphics, and More, by Alan Hoenig, to be published in early 1997 by Oxford University Press. This excerpt is simplified so that it may be printed using the standard suite of TEX fonts; the original depends heavily on PostScript fonts and the author's style file for its typesetting. Consequently, some displays could not be included. For any questions or comments, please contact the author at ajhjj@cunyvm.cuny.edu.

◂Alan Hoenig▸

MAPS 17 1996

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Detailed Contents for "TEX Unbound: LATEX & TEX Strategies, Fonts, Graphics, and More"

This book will be published by Oxford University Press in early 1997. Contact the author at ajhjj@cunyvm.cuny.edu for further information.

◂Alan Hoenig▸

MAPS 17 1996

p 41-45 62 kB

view

A LaTeX tour, part 1: the base distribution

In this article I hope to give a 'guided tour' around the files that make up the basic LaTeX distribution. Subsequent articles in this mini-series will cover other packages by the LaTeX development team, and also some of the main contributed packages.

◀ David Carlisle ▶

MAPS 17 1996

p 46-51 75 kB

A LaTeX tour, part 2: the Tools and Graphics distribution

In the previous article in this series I started by giving a description of the files in the 'base' LaTeX distribution. In part 2, I shall cover the 'tools' and 'graphics' distributions. These are distributed in the tools and graphics subdirectories of the CTAN directory macros/LaTeX/packages. Although these files are not part of the min-imal base distribution they should normally be included in the LaTeX installation at any site. The LaTeX book assumes that at least the graphics distribution is installed.

◀ David Carlisle ▶

MAPS 17 1996

p 52-56 98 kB

FRISTI

This article gives an impression of my way of designing and typesetting very small telephone and address lists, birthday calendars etc. Design considerations and typesetting tricks are presented. The latter include macros which define the sheets (from A4 to credit card and even key fob size), macros to process data records (typically specified in a separate file) in various ways, and macros to stuff and stow data in very limited space.

◂ Herman Haverkort ▸

MAPS 17 1996

p 57-64 165 kB

PMGRAPH.STY: some useful macros which extends the LaTeX picture environment

geen samenvatting (no abstract)

◀ Alexander . . . ▶
Olga Grineva

MAPS 17 1996

p 65-71 143 kB

view

Using EPS Graphics in LaTeX2e Documents

This document explains how to use Encapsulated PostScript (EPS) files in LaTeX2e documents. The graphics and graphicx packages provide commands which insert, scale, and rotate EPS graphics.

Keith Reckdahl

MAPS 17 1996

p 72-114 277 kB

view

StarTEX – a TEX for beginners

This article describes StarTEX, a new TEX format for students writing their first report and other novice users. Its aim is to provide a simpler and more robust tool for users with no previous knowledge of TEX and LATEX.

TEX format
novice TEX
robust TEX
error recovery ...
TEX with SGML ...

◀ Dag Langmyhr ▶

MAPS 17 1996

p 115-121 107 kB

Paradigms: Loops

The implementation of loops in plain TEX is surveyed. Van der Goot's loop is a remarkable straight implementation of tail recursion. Nesting of loops and the pitfalls in there are discussed. The use of hidden counters and the flip-flop traversal are given.

◀ BLUe format ▶
◀ loops ▶
◀ plain TEX ▶
◀ tail recursion ▶

◀ Kees van der Laan ▶

MAPS 17 1996

p 122-125 79 kB

view

publications keywords authors titles introduction previous next search exit

Paradigms: Searching

Various ways of searching in plain TEX are surveyed. Its use in BLUe's format for selective loading of macros, addresses, pictures, formats and tools is discussed. Interactively searching through a binary tree in dialogue with TEX is also given.

◀ BLUe format ▶
◀ databases ▶
pattern ...
◀ plain TEX ▶
tree searching
◀ selective loading ▶

◀ Kees van der Laan ▶

MAPS 17 1996

p 126-131 58 kB

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Paradigms: Sorting

Various ways of sorting in plain TEX are surveyed. Macros for linear sorting (in the mouth), quick sort and heap sort are given. The use for sorting index reminders for indexing on-the-fly is touched upon.

◀ BLUe format ▶
◀ heap sort ▶
◀ index preparation ▶
◀ plain TEX ▶
quick sort

◀ Kees van der Laan ▶

MAPS 17 1996

p 132-136 77 kB

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Paradigms: Just a little bit of PostScript

It is all about creating EPS – with graphics – to be merged with (La)TEX scripts. The emphasis is on creating raw PostScript for simple symmetrical pictures. Asides, like incorporating accurate graphs of math functions, typesetting text along curved paths, or tables set sideways, next to reverse video, clipping and tiling have been addressed. A poor man's MFtoEPS approach is touched upon: (declarative) METAFONT into (imperative) PostScript.

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declarative ...
◀ EPS ▶
◀ Escher ▶
◀ graphics ▶
imperative code
◀ LaTeX ▶
◀ Koch island ▶
Malevich
math graphs
◀ METAFONT ▶
◀ MFtoEPS ▶
◀ Mondrian ▶
◀ PostScript ▶
◀ projection ▶
reverse video
◀ ROEX ▶
Schroefer
sideways tables
suprematism
text along ...
◀ tiling ▶

◀ Kees van der Laan ▶

MAPS 17 1996

p 137-150 161 kB

view

Visual Debugging in TEX: a short introduction

geen samenvatting (no abstract)

◂ Hans Hagen ▸

MAPS 17 1996

p 151-156 168 kB

view

Visual Debugging in TEX: how things are done

By redefining some TEX primitives, one can get an impression of what TEX and macros are doing behind the screens. This article visualizes some rather common but often unnoticed TEX features. The visual debugger described here is part of ConTEXt, but can be used in plain TEX and other macro packages as well.

◀ Hans Hagen ▶

MAPS 17 1996

p 157-174 119 kB

Where to find ConTEXt

geen samenvatting (no abstract)

◂ Hans Hagen ▸

MAPS 17 1996

p 175 6 kB

MAPS 18 1997

Verslag Bijeenkomst
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Het weten waard
Financieel verslag 1996
Jaarverslag NTG 1996
TEX Users Group, gisteren, vandaag en morgen
Bericht van FGBBS – Voorjaar 1997
WG: Educatie – een overzicht en oproep
WG: TEX & SGML
De nieuwe NTG-WWW pagina's
Gezeefd uit de TEX-NL discussielijst (1997)
Conversie van BibTEX naar HTML, TEX en LATEX
Het invoeren en afdrukken van de Latin-1 Characterset
SGML entities in (La)TEX: `sgmlent.sty`
The LATEX Graphics Companion
Loading PicTEX without problems
pdfTEX, een eerste indruk
Even voorstellen: de EPDA
Puzzling Graphics in METAPOST
Scans and bitmaps in TEX
Using fonts in METAPOST – one way of forcing TEX to include the ...
Stars around 1 – PostScript straightaway
Stars around 2 – what a little math can do

BachoTEX 97 – TEX from inside
Een greep uit de fontverzameling van TEX
TEX, BLUes, and Jazz – a search for values
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lyx: een front-end voor LATEX of een textprocessor?
kdvi: een verbeterde xdvi
DVIPS manual – good old portability, and some more
How to handle compound and bounded words
Een moderne toren van Babel
Stretching the limits of Babel, an Ever Growing Package?
NTG Ledeninformatie

Verslag Bijeenkomst

Opening, Notulen, Ingekomen stukken en mededelingen, bestuursmutaties, subsidieaanvraag, begroting 1997, MAPS zaken, Activiteiten, Lustrumcommissie, Werkgroepen

◂ Frans Goddijn ▸

MAPS 18 1997

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Van de Voorzitter (1997/1)

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◀ Erik Frambach ▶

MAPS 18 1997

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Redactioneel (1997/1)

geen samenvatting (no abstract)

◂Taco Hoekwater▸

MAPS 18 1997

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Het weten waard

geen samenvatting (no abstract)

MAPS 18 1997

p 6-7 36 kB

Financieel verslag 1996

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◀financial report▶

◀Erik Frambach▶
◀Wybo Dekker▶

MAPS 18 1997

p 8-9 14 kB

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publications keywords authors titles introduction previous next search exit

Jaarverslag NTG 1996

geen samenvatting (no abstract)

◀report NTG▶

◀Gerard van Nes▶

MAPS 18 1997

p 10-12 37 kB

view

publications keywords authors titles introduction previous next search exit

TEX Users Group, gisteren, vandaag en morgen

geen samenvatting (no abstract)

◀ Michel Goossens ▶

MAPS 18 1997

p 13-14 33 kB

view

Bericht van FGBBS – Voorjaar 1997

Hoewel “de loop eruit is” in de BBS winkelstraten, houdt FGBBS stand als het rustige knopen-winkeltje dat met enige regelmaat wordt bezocht door een kleine maar trouwe klantenkring uit de wijde omgeving.

◀ Frans Goddijn ▶

MAPS 18 1997

p 15-17 34 kB

WG: Educatie – een overzicht en oproep

Een overzicht van de activiteiten binnen en buiten de WG wordt gegeven, met daarnaast een suggestie.

◂Kees van der Laan▸

MAPS 18 1997

p 18 12 kB

WG: TEX & SGML

Een korte introductie van de werkgroep SGML en een oproep voor geinteresseerde leden

◀ Taco Hoekwater ▶

MAPS 18 1997

De nieuwe NTG-WWW pagina's

Sinds kort zijn de WWW-pagina's van de NTG (`http://WWW.ntg.nl`) geheel vernieuwd. Dit artikel geeft een overzicht van de ideeën achter de nieuwe opzet en uitvoering.

◀ Erik Frambach ▶
◀ Hans Hagen ▶

MAPS 18 1997

p 21-23 88 kB

Gezeefd uit de TEX-NL discussielijst (1997)

In 1993 publiceerde Philippe Vanoverbeke in de MAPS tweemaal een selectie van berichten uit de TEX-NL lijst. Nu, een poosje later, wordt de draad weer opgepakt. Een aantal oplossingen, hints en gouden tips over onderwerpen waarvan je weleens denkt: “hoe zat dat ook alweer?” Deze informatie is, samen met nog veel meer van dergelijke waardevolle berichten uit TEX-NL, ook na te lezen op FGBBS in het berichtengebied FGBBS.ARCHIVE. Opvallend is dat in bijna alle gevallen het snelste en definitieve antwoord wordt gegeven door Piet van Oostrum (piet@cs.ruu.nl, http://WWW.cs.ruu.nl/~piet), zonder wie TEX-NL niet het zeer nuttige en snelle medium zou zijn dat het nu is. OOSTRUM-NL zou ook een goeie naam zijn.

◀ Frans Goddijn ▶

MAPS 18 1997

p 25-36 95 kB

Conversie van BibTEX naar HTML, TEX en LATEX

BibTEX-bibliografieën kunnen met behulp van een Perl-script vertaald worden naar HTML. Een variant op dat script levert een compleet LATEX-bestand. Nog een andere variant levert een plain TEX-bestand dat naar believen bijgeschaafd kan worden. Als gereedschap is enkel Perl en (La)TEX nodig.

◀ Erik Frambach ▶

MAPS 18 1997

p 37-39 37 kB

Het invoeren en afdrukken van de Latin-1 Characterset

Ten behoeve van een collegedictaat is een tabel nodig met de Latin-1 of iso-8859-1 characterset. Dit artikel behandelt het invoeren en afdrukken van deze characterset met behulp van LaTeX2e.

◀ Ton Biegstraaten ▶

MAPS 18 1997

p 41-44 56 kB

SGML entities in (La)TEX: `sgmlent.sty`

This package provides an easy-to-use interface to the SGML character entity sets (ISO 8879, Annex D). All entity sets defined in the Annex are supported, but there are still some minor problems.

◀ Taco Hoekwater ▶

MAPS 18 1997

p 45-52 162 kB

The LaTeX Graphics Companion

This handy reference describes techniques and tricks needed to illustrate LaTeX documents, and answers common user questions about graphics and PostScript fonts. It provides the first full description of the standard LaTeX color and graphics packages, and shows how you can combine TeX and PostScript capabilities to produce beautifully illustrated pages. Following the successful format of *The LaTeX Companion*, this new book will be an invaluable LaTeX resource for incorporating pictures into text.

◀ abstract ▶
◀ table of contents ▶
◀ preface ▶
◀ LaTeX ▶

◀ Michel Goossens ▶
◀ Sebastian Rahtz ▶
◀ Frank Mittelbach ▶

MAPS 18 1997

p 53-60 55 kB

view

publications keywords authors titles introduction previous next search exit

Loading PicTEX without problems

When using ppchTEX in LATEX, one can run out of dimension registers. This article describes a loading mechanism that take care of proper loading of PICTEX, that is, by using as few dimensions as possible.

◀ Hans Hagen ▶

MAPS 18 1997

p 61-63 27 kB

view

publications keywords authors titles introduction previous next search exit

pdfTEX, een eerste indruk

Currently a new extension of TEX is under development. This web2c based extension pdfTEX not only produces DVI output, but alternatively generates PDF code. Functionality as well as new primitives are described.

◀ PDF ▶
◀ pdfTEX ▶
◀ web2c ▶

◀ Hans Hagen ▶

MAPS 18 1997

p 65-67 37 kB

view

publications keywords authors titles introduction previous next search exit

Even voorstellen: de EPDA

geen samenvatting (no abstract)

◂ Ton Otten ▸

MAPS 18 1997

p 69 17 kB

view

Puzzling Graphics in METAPOST

METAPOST can be used for more than math oriented graphics. This article describes some macros for drawing arbitrary jigsaw puzzles and shifting puzzles. METAPOST can be fun!

◀Hans Hagen▶

MAPS 18 1997

p 71-82 243 kB

Scans and bitmaps in TEX

Guidelines are given for working with scans and bitmaps, with the emphasis on PostScript printing from TEX.

scan
image
◀ bitmap ▶
resolution
halftone
◀ PostScript ▶

◀ Siep Kroonenberg ▶

MAPS 18 1997

p 83-85 240 kB

view

publications keywords authors titles introduction previous next search exit

Using fonts in METAPOST – one way of forcing TEX to include the right fonts

METAPOST graphics can contain TEX produced text. Unfortunately, when including such graphics in TEX documents, only DVIPS knows how to include the right glyphs. This articles describes a method (and macros) to handle glyph inclusion independant of DVI drivers. The ConTEXt module described here can be used in other macro packages as well. (A later version of this module implements a more efficient mechanism as well as some additional functionality.)

◀Hans Hagen▶

MAPS 18 1997

p 87-91 76 kB

Stars around 1 – PostScript straightaway

Drawing the outline of stars is discussed. A METAFONT/Post and a PostScript program are included, next to a Colombus' egg PostScript solution. The appendices contain compositions of stars and a few versions of a PostScript operator to calculate the intersection point of two lines determined by four points.

◀EPS▶
fractal
◀intersection▶
◀Koch island▶
◀METAFONT▶
◀METAPOST▶
◀MFtoEPS▶
◀outline▶
◀PostScript▶
◀ROEX▶
star
◀tiling▶

◀Kees van der Laan▶

MAPS 18 1997

p 93-98 75 kB

view

publications keywords authors titles introduction previous next search exit

Stars around 2 – what a little math can do

The problems as treated by Jackowski in his lecture at NTG's 1996 fall meeting: a tangent to a circle, intersection of circles, V-like logo, and (circular) clipping of waves, are provided with alternative solutions, along with straightaway PostScript codes.

analytic geometry
clipping
◀ intersection ▶
linear equations
◀ logos ▶
◀ METAPOST ▶
◀ METAFONT ▶
◀ MFtoEPS ▶
◀ outline ▶
◀ PostScript ▶
◀ ROEX ▶
tangent

◀ Kees van der Laan ▶

MAPS 18 1997

p 99-102 48 kB

BachoTEX 97 – TEX from inside

A report of GUST's 5th conference in Bachotek, Poland.

◀ BachoTEX ▶
◀ GUST ▶
◀ Poland ▶

◀ Erik Frambach ▶
◀ Kees van der Laan ▶

MAPS 18 1997

p 103-104 54 kB

view

publications keywords authors titles introduction previous next search exit

Een greep uit de fontverzameling van TEX

De verzameling fonts die beschikbaar is binnen TEX is zeer omvangrijk. In dit artikel wordt een subjectieve poging gedaan hier iets van te laten zien.

◀ Ton Biegstraaten ▶

MAPS 18 1997

p 105-113 1394 kB

TEX, BLUes, and Jazz – a search for values

How to use TEX for a database oriented application is shown by the example of a collection of Jazz CDs. The request was to provide (part) of the title of a tune and to let TEX response with all the CDs which contain that tune. Only a few lines of code was all that was needed to fulfill the purpose. The example might serve as a user-oriented stepping stone for understanding how in BLUe's format TEX as database engine has been used.

◀ Kees van der Laan ▶

MAPS 18 1997

p 115-116 26 kB

Gegevensverwerking met daTEX

De auteurs geven een inleiding in daTEX. Dat is een verzameling macro's waarmee gegevens eenvoudig kunnen worden verwerkt in een TEX of LATEX file. Twee voorbeelden illustreren de grote mogelijkheden van deze macro's. Een uitgebreide handleiding en de macro's zelf staan op WWW.xs4all.nl/~rhkoning.

◀ Andries Lenstra ▶
◀ Ruud Koning ▶

MAPS 18 1997
p 117-123 72 kB

Adobe Supra: Adobe's High-Performance Raster Image Processor (RIP) Architecture for Print-on-Demand Systems

geen samenvatting (no abstract)

◂Wiegert Tierie▸

MAPS 18 1997

p 125-130 82 kB

view

Computergestuurd Zetten of Electronisch publiceren? Nieuwe trends in wetenschappelijk publiceren

Abstract in het pools, tekst vertaald uit het engels door Taco Hoekwater

◀ Philip Taylor ▶

MAPS 18 1997

p 131-144 172 kB

view

lyx: een front-end voor LaTeX of een textprocessor?

Dit artikel is een recentie van het programma LyX. Lyx is een programma voor X windows dat dient als (bijna-)WYSIWYG schil bovenop LaTeX. De huidige stabiele beta-versie, die hier dan ook besproken wordt, is versie 0.10.7. Het programma wordt geschreven door een aantal auteurs onder 'leiding' van Matthias Ettrich (ettrich@informatik.uni-tuebingen.de).

◀ Taco Hoekwater ▶

MAPS 18 1997

p 145-150 121 kB

kdvi: een verbeterde xdvi

kdvi is een aangepaste versie van xdvi, een DVI previewer voor het X Window Systeem. De belangrijkste verandering is het gebruik van een ‘echte’ grafische interface ter vervanging van de nogal primitieve widgets van xdvi. kdvi is *alpha* software, de huidige versie is 0.2. De auteur is Markku Hihnala (`mah@ee.oulu.fi`).

◀ Taco Hoekwater ▶

MAPS 18 1997

p 151-154 129 kB

DVIPS manual – good old portability, and some more

Portable manuals should be written and marked up in this way. Just a few macros to take care of the formatting. The manual can be easily personalized. The dvips manual has been made available as a BLUe report with an index – based on IR-s by Rokicki – and a ToC. Both are welcome when using the manual. Some experience in using dvips under UNIX is also reported: overprinting a picture, adding a caption, and aligning pictures. A pitfall in using psfig is mentioned as well.

aligning figures
◀ BLUe format ▶
captions
DVI
◀ EPS ▶
figures
◀ minimal markup ▶
overprinting
portability
◀ PostScript ▶

◀ Kees van der Laan ▶

MAPS 18 1997

p 155-159 61 kB

view

publications keywords authors titles introduction previous next search exit

How to handle compound and bounded words

The dutch language permits words to be combined in many ways. To permit such compound words to be hyphenated properly, a versatile mechanism is presented, that handles all kind of compound and boundary situations. Although part of ConTEXt, this module can be used in other packages as well.

◀ Hans Hagen ▶

MAPS 18 1997

p 161-166 44 kB

Een moderne toren van Babel

In deze voordracht zal ik kort aandacht besteden aan ‘wat is TEX’, ‘wat is LATEX’. Hierbij komt ook het concept van ‘structuur markup’ aan de orde. Vervolgens zal ik ingaan op de geschiedenis van het babel pakket. Aan de hand van een aantal voorbeelden zal ik toelichten welke problematiek zich voordoet bij het op een correcte wijze vormgeven van documenten waarin meerdere talen worden gebruikt.

◀ Johannes Braams ▶

MAPS 18 1997

p 167-170 61 kB

Stretching the limits of Babel, an Ever Growing Package?

geen samenvatting (no abstract)

◀ Johannes Braams ▶

MAPS 18 1997

p 171-174 43 kB

view

NTG Ledeninformatie

geen samenvatting (no abstract)

MAPS 18 1997

p 175-190 72 kB

MAPS 19 1997

Verslag 19de NTG Bijeenkomst
Van de Voorzitter (1997/2)
Redactioneel (1997/2)
Het weten waard
Begroting NTG 1998
Ontwerpwedstrijd
4allTEX versie 4
Het herontwerp van de MAPS
De macros uit de nieuwe MAPS class
Book Design for TEX Users – Part 1: Theory
Book Design for TEX Users – Part 2: Practice
Tiling in PostScript and METAFONT – Escher's wink
Toolbox (1997)
TUG'97 conferentie
Installatie-handleidinkje voor 'LATEX voor Windows 1.0'
LATEX & Chinees
TEX inside, insight, in sight: get priorities right
Local Guide TEX-installatie Fewec
User manual for kluwer.cls
Quark Xpress: een vakantieliefde
ConTEXt voor beginners

Verslag 19de NTG Bijeenkomst

Opening, Notulen, Ingekomen stukken en mededelingen, ledenvergadering

◀ Frans Goddijn ▶

MAPS 19 1997

p 1-3 39 kB

Van de Voorzitter (1997/2)

geen samenvatting (no abstract)

◂ Erik Frambach ▸

MAPS 19 1997

Redactioneel (1997/2)

geen samenvatting (no abstract)

◂Taco Hoekwater▸

MAPS 19 1997

p 5 14 kB

view

Het weten waard

geen samenvatting (no abstract)

MAPS 19 1997

p 6-7 31 kB

Begroting NTG 1998

geen samenvatting (no abstract)

◀ Wybo Dekker ▶

MAPS 19 1997

Ontwerpwedstrijd

geen samenvatting (no abstract)

NTG bestuur

MAPS 19 1997

p 9 25 kB

4allTEX versie 4

De vierde editie van de 4allTEX cdroms komt eraan. Dit artikel beschrijft wat er zoal nieuw is in deze editie.

◀Erik Frambach▶

MAPS 19 1997

p 10-11 38 kB

Het herontwerp van de MAPS

Toelichting bij de nieuwe vormgeving van de MAPS: papierformaat, font keuze, aanpassingen voor twee-kolomsopmaak.

◂Siep Kroonenberg▸

MAPS 19 1997

De macros uit de nieuwe MAPS class

Dit artikel beschrijft de macros die gebruikt worden in de nieuwe maps class file. De nadruk ligt op de macros die proberen een stramien te ondersteunen.

◀ Taco Hoekwater ▶

MAPS 19 1997

p 13-18 54 kB

Book Design for TEX Users – Part 1: Theory

Book design cannot be taught; it can only be learned, preferably by critical study of as many books as possible. Of all the elements which make up a book, white space is frequently the least considered and the most important. *Avant garde* designs are compared and contrasted with more conservative and traditional approaches. Three key elements: *uniformity*, *information* and *structure* are identified, and 'good design practice' discussed in terms of each of these.

◀Philip Taylor▶

MAPS 19 1997

p 19-27 104 kB

Book Design for TEX Users – Part 2: Practice

In the predecessor to this paper, three fundamental concepts of *uniformity*, *information* and *structure* were introduced, and general guidance given on each of them. In this paper, more practical advice is given, specifically in two areas: guidance on actual dimensions, proportions and layout; and guidance on implementing some of the ideas through the medium of the TEX language. Finally, some difficult (and even insoluble) problems in layout are discussed.

◀Philip Taylor▶

MAPS 19 1997

p 28-38 121 kB

view

Tiling in PostScript and METAFONT – Escher's wink

Drawing tilings by computer is discussed. Examples are borrowed from literature. New are their included METAFONT and PostScript programs, with sometimes a new variation of a picture.

publications keywords authors titles introduction previous next search exit

Apollonius
◂computer art▸
Douat
Duerer
◂EPS▸
◂Escher▸
◂graphics▸
◂METAFONT▸
◂METAPOST▸
◂outline▸
Kepler
◂Mondrian▸
parquet
Penrose
◂PostScript▸
◂puzzles▸
Soddy
◂tiling▸
Truchet
◂turtle graphics▸
zero finding

◂Kees van der Laan▸

MAPS 19 1997

p 39-67 819 kB

view

Toolbox (1997)

Er lopen in de wereld zo veel TEX-gebruikers rond, dat het zelden zal voorkomen dat een normale gebruiker de eerste is die een probleem tegen komt. Meestal zal dit probleem ook al door iemand anders zijn opgelost en vaak staat de oplossing op de 4allTEX, TEXlive of een andere cd-rom. Indien daar niet te vinden is staat er vast wel een oplossing op ctan of één of andere Internetsite. Het probleem zit hem niet in de beschikbaarheid, maar in het opsporen van de oplossing. Artikelen in maps zijn daarvoor natuurlijk een belangrijke informatiebron. Sommige oplossingen zijn echter zo eenvoudig dat er nooit een artikel aan gewijd zal worden. Over een draadstriptang valt nu eenmaal niet al te veel te vertellen. In Toolbox zal niet alleen de draadstriptang worden besproken, maar ook het gebruik van lucifers om het plastic van het einde van het snoer af te branden. Stuur ook informatie over uw favoriete tools naar mij op, zo kan Toolbox een belangrijke informatiebron worden over utilities, macro's en andere eenvoudige trucs voor de gewone TEX-gebruiker. Deze keer is de spil van het verhaal PostScript.

◀ PostScript ▶
◀ installation ▶
◀ toolbox ▶

◀ Maarten . . . ▶

MAPS 19 1997

p 68-70 44 kB

view

publications keywords authors titles introduction previous next search exit

TUG'97 conferentie

Een kort verslag van de conferentie van de TEX Users Group 1997 in San Francisco, USA.

◀ Erik Frambach ▶

MAPS 19 1997

p 71-72 27 kB

Installatie-handleidinkje voor ‘LaTeX voor Windows 1.0’

Op verzoek van Frans Goddijn heeft FGBBS-user Robbert Hardin een verslag geschreven van de installatie van het pakket LaTeX voor Windows (16 diskettes, ook op FGBBS te vinden).

Robbert Hardin

MAPS 19 1997

p 73-75 32 kB

LaTeX & Chinees

Met behulp van het LaTeX-package 'CJK' is het mogelijk om tekst te zetten in het Chinees, Japans en Koreaans. In dit artikel laat ik in het kort zien wat ervoor nodig is om Chinese tekst met LaTeX – Japans en Koreaans blijven buiten beschouwing. Het installeren van de benodigde software wordt behandeld, evenals het gebruik van dit systeem in de praktijk.

◀ Erik Frambach ▶

MAPS 19 1997

p 76-78 110 kB

TEX inside, insight, in sight: get priorities right

It is argued that for using TEX – a multi-level tool – TEX inside knowledge should not be necessary for the layman, for production purposes. The 'why, what and when,' especially at the grey level will be discussed. Necessary insight issues are enumerated.

◀ active list ... ▶
greyboxes
hyphenation of ...
◀ minimal markup ▶
partitioned ...
two-part macros

◀ Kees van der Laan ▶

MAPS 19 1997

p 79-86 98 kB

view

publications keywords authors titles introduction previous next search exit

Local Guide TEX-installatie Fewec

Dit is de Local Guide van de LATEX installatie van de Faculteit der Economische Wetenschappen en Econometrie van de Vrije Universiteit te Amsterdam. De Local Guide is niet bedoeld als LATEX-handleiding, maar als aanvulling daarop. Er wordt een korte uitleg over LATEX gegeven, een aantal bijzonderheden van onze LATEX-installatie wordt genoemd en de gebruikte editor (Jed) wordt besproken. De Local Guide kan zeker worden uitgebreid. Eenieder die nieuw materiaal heeft kan dit aan mij doorsturen en ik zal zorgen dat het, zoveel mogelijk ongewijzigd, wordt opgenomen.

MAPS 19 1997

p 87-96 86 kB

User manual for kluwer.cls

This is the user manual for the kluwer.cls class file for the preparation of articles to be submitted to journals or spin-offs of journals published by Kluwer Academic Publishers. The kluwer.cls is a generic class, which allows us to have a simple conversion to different journal layouts. The kluwer.cls class file is similar to the *article* class file of LaTeX, but it has some extra fields in the preamble and some extended commands for the body text.

MAPS 19 1997

p 97-111 209 kB

Quark Xpress: een vakantieliefde

Hoe prachtig “ons TEX” ook is, in de wijde wereld daarbuiten is het onbekend. De meeste drukkers en grafische ontwerpers weten niet eens wat het is. Pas als je het magische woord “Quark Xpress” laat vallen, tel je voor hen mee. Afgelopen zomer kocht ik een manual van meer dan 600 pagina’s en verslond dit in de vakantie. Wat heeft dat pakket dat wij niet hebben?

◀ Frans Goddijn ▶

MAPS 19 1997

p 112-114 35 kB

ConTEXt voor beginners

Hierna volgt een introductie op ConTEXt. Deze handleiding is, net als ConTEXt, beschikbaar in het Nederlands en Engels en binnenkort ook in het Duits. Dit is de eerste versie; op- en aanmerkingen zijn dan ook welkom.

◂ Hans Hagen ▸
◂ Ton Otten ▸

MAPS 19 1997

p 115-177 2263 kB

MAPS 20 1998

Verslag 20e bijeenkomst, 11 november 1997
Van de Voorzitter (1998/1)
From the TUG President
Redactioneel (1998/1)
Het weten waard
Financieel verslag 1997
Jaarverslag ntg 1997
De NTG en het Internet (1998/1)
FGBBS op snelheid – verslag van FGBBS
10 jaar NTG – wat vinden de leden
Het nieuwe NTG logo
Why \expandafter is sometimes needed by common users too
10 jaar NTG
EuroTEX'98 in Saint-Malo, France
Expansion, what is that?
Color in professional print production
Microsoft buys TEX, plans new products
Reprint Maps issue #1
Het zetten van wetenschappelijk werk: 1973 vs 1998 – (Monotype vs ...
Typografische scanning
Vlakverdeling in ConTEXt
ArabTEX – Typesetting Arabic with Vowels and Ligatures
Dartele cijfers: poor man's oldstyle
DVIview, a new previewer

Toolbox (1998)
A LaTeX Tour, part 3: mfnfss, psnfss and babel
Conversie van anyTeX naar HTML met TeX4ht
Visual TeX 5.10 for MS-Windows
Windvi User's Manual
PPCHTeX – a macropackage for typesetting chemical structure ...
The DJGPP port of web2c
Gezeefd uit de TEX-NL discussielijst (1998)
BachoTeX'98 – TUG at hand
BLUe's OTR for notes: back-to-the-roots
The Oldenburg eTeX/LaTeX3/ConTeXt meeting
Summary of math font-related activities at EuroTeX '98
Summary of indexing-related activities at EuroTeX '98
The e-TeX manual, version 2, februari 1998
Generating Type 1 fonts from METAFONT Sources
Vergelijking van SGML en XML
Comparison of SGML and XML
Comparing ConTeXt and LaTeX
Pretty printing TeX METAPOST, Perl and JavaScript
The Calculator Demo – Integrating TeX, METAPOST, JavaScript and PDF
Contending with Office suites
4TeX5.0: TDS, Web2c, and Windows 95/NT
Perl and TeX a simple application
Some funny macro's
ConTeXt – een handleiding

Verslag 20e bijeenkomst, 11 november 1997

geen samenvatting (no abstract)

◂ Frans Goddijn ▸

MAPS 20 1998

p 1-2 87 kB

view

publications keywords authors titles introduction previous next search exit

Van de Voorzitter (1998/1)

geen samenvatting (no abstract)

◀ Erik Frambach ▶

MAPS 20 1998

p 3-4 136 kB

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publications keywords authors titles introduction previous next search exit

From the TUG President

geen samenvatting (no abstract)

Mimi Jett

MAPS 20 1998

Redactioneel (1998/1)

geen samenvatting (no abstract)

◂ Taco Hoekwater ▸
◂ Siep Kroonenberg ▸

MAPS 20 1998

Het weten waard

geen samenvatting (no abstract)

MAPS 20 1998

p 7-8 138 kB

Financieel verslag 1997

geen samenvatting (no abstract)

◂Wybo Dekker▸

MAPS 20 1998

p 9-10 63 kB

Jaarverslag ntg 1997

geen samenvatting (no abstract)

◀report NTG▶

◀Gerard van Nes▶

MAPS 20 1998

p 11-14 95 kB

view

publications keywords authors titles introduction previous next search exit

De NTG en het Internet (1998/1)

geen samenvatting (no abstract)

◀ discussionlist ▶
◀ TEX-NL ▶

◀ Jules van Weerden ▶
◀ Maarten . . . ▶

MAPS 20 1998

p 15-16 105 kB

view

publications keywords authors titles introduction previous next search exit

FGBBS op snelheid – verslag van FGBBS

geen samenvatting (no abstract)

◀ Frans Goddijn ▶

MAPS 20 1998

p 17-19 106 kB

10 jaar NTG – wat vinden de leden

geen samenvatting (no abstract)

◀Hans Hagen▶
◀Maarten . . .▶

MAPS 20 1998

p 20-24 162 kB

view

Het nieuwe NTG logo

geen samenvatting (no abstract)

◀ NTG logo ▶
◀ EPS ▶

◀ Siep Kroonenberg ▶

MAPS 20 1998

p 25-26 129 kB

view

publications keywords authors titles introduction previous next search exit

Why \expandafter is sometimes needed by common users too

geen samenvatting (no abstract)

◂ Hans Hagen ▸

MAPS 20 1998

p 26 93 kB

view

publications keywords authors titles introduction previous next search exit

10 jaar NTG

Een terugblik op tien jaar NTG, met een vooruitblik naar de komende jaren.

◀ Erik Frambach ▶

MAPS 20 1998

p 27-32 141 kB

EuroTEX'98 in Saint-Malo, France

This year's EuroTEX conference was held in Saint-Malo. On behalf of the NTG ERik Frambach, Hans Hagen, Taco Hoekwater and Siep Kroonenberg represented the dutch TEX-community. In this report they discuss the social and TEXnical aspects of the conference.

◀ Erik Frambach ▶
◀ Hans Hagen ▶
◀ Taco Hoekwater ▶
◀ Siep Kroonenberg ▶

MAPS 20 1998

p 33-37 250 kB

Expansion, what is that?

geen samenvatting (no abstract)

◂ Hans Hagen ▸

MAPS 20 1998

Color in professional print production

This paper takes a look at issues arising in color printing, such as color models, color conversion and color separation. Increasingly, it is feasible to perform these functions on existing PostScript files, independent of the authoring software. The PDF format plays a key role in this trend.

color printing
color model
device-independent . . .
color conversion
color separation
◀ PDF ▶

◀ Siep Kroonenberg ▶

MAPS 20 1998

p 38-43 1101 kB

view

publications | keywords | authors | titles | introduction | previous | next | search | exit

Microsoft buys TEX, plans new products

geen samenvatting (no abstract)

MicroSoft
◀ Knuth ▶
joke

Richard Kinch

MAPS 20 1998

p 44-45 800 kB

view

Reprint Maps issue #1

This is a fascimile of the very first MAPS issue, originally published in 1988

◀Gerard van Nes▶

MAPS 20 1998

p 46-64 876 kB

view

publications keywords authors titles introduction previous next search exit

Het zetten van wetenschappelijk werk: 1973 vs 1998 – (Monotype vs TEX)

geen samenvatting (no abstract)

Gerrit Oomen

MAPS 20 1998

p 65-71 263 kB

Typografische scanning

Dit artikel geeft een beschouwing over “Nederlandse” typografie, aan de hand van een aantal scans van in Nederland gepubliceerde boeken en tijdschriften uit de afgelopen drie eeuwen. Het artikel laat een aantal traditionele typografische vormen zien, met toevoeging van wat commentaren over het gebruikte proces.

◂ Taco Hoekwater ▸

MAPS 20 1998

p 72-79 360 kB

Vlakverdeling in ConTEXt

This article is actually chapter 3 of the ConTEXt reference manual, typeset in the MAPS layout. Attention will be paid to defining layout specific areas, rearranging pages, locating logos, typesetting on a grid and adding cutmarks.

◂ Hans Hagen ▸

MAPS 20 1998

p 80-107 379 kB

ArabTEX – Typesetting Arabic with Vowels and Ligatures

We present a TEX macro package for generating the arabic writing from a standardized ASCII input notation. It can handle partial or full vocalization, and generates automatically most of the common ligatures. There is limited support for Farsi, Urdu, and Pashto. ArabTEX is compatible with Plain TEX and also most LATEX environments; arabic and other material can be mixed freely. For special purposes the standard transliteration can be additionally generated. ArabTEX uses no preprocessor and thus should be compatible with any TEX implementation that allows dynamic loading of additional macro files and fonts.

ArabTEX
transliteration
arabic
Farsi
Urdu
Pashto

Klaus Lagally

MAPS 20 1998

p 108-116 230 kB

Dartele cijfers: poor man's oldstyle

Erik Frambach vroeg zich af of het mogelijk zou zijn om met wat trucs de oldstyle cijfers te emuleren dij fijnproevers zo mooi vinden. En het kostte nog minder moeite dan hij had verwacht!

◂ Frans Goddijn ▸

MAPS 20 1998

p 117-119 71 kB

DVIview, a new previewer

DVIview is a new viewer for the Windows platform. Key features: virtual fonts, rotated and colored text and performance. This article focuses on the development process and hilights some features of the software.

MAPS 20 1998

p 120-124 154 kB

Toolbox (1998)

Literatuurverwijzingen vormen deze keer de hoofdmoot van het verhaal.

◀ BibTEX ▶
◀ bibliography ▶
bibdb
bibedit
◀ toolbox ▶

◀ Maarten . . . ▶

MAPS 20 1998

p 125-130 190 kB

view

publications keywords authors titles introduction previous next search exit

A LaTeX Tour, part 3: mfnfss, psnfss and babel

geen samenvatting (no abstract)

◀ LaTeX ▶
psnfss
mfnfss
◀ Babel ▶

◀ David Carlisle ▶

MAPS 20 1998

p 131-137 170 kB

view

publications keywords authors titles introduction previous next search exit

Conversie van anyTEX naar HTML met TEX4ht

Gurari's TEX4ht-programmatuur maakt het mogelijk om in TEX geschreven teksten (plain TEX, LATEX of wat dan ook) vrij eenvoudig te converteren naar HTML. Als voorbeeld nemen we de 4TEX-handleiding die in LATEX is geschreven.

◀ Erik Frambach ▶

MAPS 20 1998

p 138-141 178 kB

Visual TEX 5.10 for MS-Windows

MicroPress' Visual TEX is a complete TEX implementation for MS-DOS and all flavors of MS-Windows. The Windows version is reviewed here. It supports several interesting features that go beyond standard TEX, such as outline fonts and conversion to HTML.

◀ Erik Frambach ▶

MAPS 20 1998

p 142-145 242 kB

Windvi User's Manual

This article is an adaptation of the HTML file that comes with the current (0.40) version of windvi

◀ Fabrice Popineau ▶

MAPS 20 1998

p 146-149 141 kB

view

publications keywords authors titles introduction previous next search exit

PPCHTEX – a macropackage for typesetting chemical structure formulas with TEX – release 2

A few years ago PPCHTEX was introduced. This generic macro package can be used to typeset chemical structure formulas. Currently the NTG supports a dedicated mailing list, to which quite some users subscribed. Here we present the long awaited for english update of the manual. The dutch and german manuals were already available for about a year and can be uploaded from the NTG server.

◀ Ton Otten ▶

MAPS 20 1998

p 150-209 555 kB

The DJGPP port of web2c

Web2c is getting popular and popular. Why? Because it is widespread. I'll discuss some of the aspects of the port to the MS-DOS environment. I used the variant on the 4allTEX4 CD-ROM.

MAPS 20 1998

p 210-213 120 kB

Gezeefd uit de TEX-NL discussielijst (1998)

Dit is het vierde deel uit een serie die in 1993 door Philippe Vanoverbeke in de MAPS is gestart. Philippe maakte een selectie van berichten uit de TEX-NL lijst. Een aantal oplossingen, hints en gouden tips over onderwerpen waarvan je weleens denkt: “hoe zat dat ook alweer?” In de MAPS van voorjaar 1997 stond deel 3. Voor deze aflevering is een aantal berichten gezeefd uit TEX-NL van maart 1997 tot maart 1998. Tenzij anders is vermeld, zijn de onderstaande antwoorden van Piet van Oostrum. Omdat het wat bewerkelijk is om sommige trucs over te tikken, staat dit artikel ook op FGBBS.

◀ Frans Goddijn ▶

MAPS 20 1998

p 214-232 223 kB

BachoTEX'98 – TUG at hand

A report on GUST's sixth conference in Bachotek, Poland

Kees van der Laan

MAPS 20 1998

p 233-234 81 kB

BLUe's OTR for notes: back-to-the-roots

The back-to-the-roots OTR for BLUE's notes is discussed. It consists of Plain TEX's OTR for 1-column and the compatible extension as given in the TEXbook for 2-columns. Only the pagebody differs: 2-columns instead of 1-column. This replacement is aimed at facilitating a personalized preprint OTR, such that BLUe can easily adapt it. The modified `blue.tex` will be distributed by CTAN, and NTG's 4AllTEX CD-ROM.

◀ Kees van der Laan ▶

MAPS 20 1998

p 235-237 99 kB

The Oldenburg eTEX/LATEX3/ConTEXt meeting

geen samenvatting (no abstract)

◀ David Carlisle ▶

MAPS 20 1998

p 238-242 169 kB

view

publications keywords authors titles introduction previous next search exit

Summary of math font-related activities at EuroTEX '98

geen samenvatting (no abstract)

◀ Barbara Beeton ▶
◀ Thierry Bouche ▶
◀ Taco Hoekwater ▶
Patrick Ion
◀ Jörg Knappen ▶
◀ Chris Rowley ▶
◀ Ulrik Vieth ▶

MAPS 20 1998

p 243-246 95 kB

Summary of indexing-related activities at EuroTEX '98

This is an adaptation of the ascii file posted to the xindy newsgroup by Roger Kehr in the week following EuroTEX.

Roger Kehr

MAPS 20 1998

p 247 94 kB

The e-TEX manual, version 2, februari 1998

The preparation of this report was supported in part by DANTE, Deutschsprachige Anwendervereinigung TEX e.V. 'TEX' is a trademark of the American Mathematical Society.

NTS team
Peter . . .

MAPS 20 1998

p 248-263 221 kB

Generating Type 1 fonts from METAFONT Sources

This article makes a comparison between bitmapped and vector fonts, and presents some of the problems I encountered when I tried to convert METAFONT sources into PostScript Type 1 fonts.

◀Taco Hoekwater▶

MAPS 20 1998

p 264-275 657 kB

Vergelijking van SGML en XML

Dit is een inleiding op de volgende bijlage

◂Simon Pepping▸

MAPS 20 1998

p 276 78 kB

Comparison of SGML and XML

This document provides a detailed comparison of SGML (ISO 8879) and XML.

James Clark

MAPS 20 1998

p 277-279 107 kB

Comparing ConTEXt and LATEX

Some aspects of ConTEXt and LATEX are compared: the political decisions, the offered functionality, size of the system, and relative speed.

◀ ConTEXt ▶
◀ LATEX ▶
◀ comparison ▶
copyright
size
speed
functionality

◀ Taco Hoekwater ▶

MAPS 20 1998

p 280-285 155 kB

view

Pretty printing TEX METAPOST, Perl and JavaScript

Although for real pretty printing of sources one has to use CWEB like environments, TEX can als do a pretty job rather well. The ConTEXt verbatim environment has pretty printing built in. One can either use color or fonts. The latter is used in the MAPS, the former in this article.

◀ verbatim ▶
◀ METAPOST ▶
◀ Perl ▶
◀ JavaScript ▶
◀ ConTEXt ▶

◀ Hans Hagen ▶

MAPS 20 1998

p 286-289 105 kB

view

publications keywords authors titles introduction previous next search exit

The Calculator Demo – Integrating TEX, METAPOST, JavaScript and PDF

Due to it's open character, TEX can act as an authoring tool. This article demonstrates that by integrating TEX, METAPOST, JavaScript and PDF, one can build pretty advanced documents. More and more documents will get the characteristics of programs, and TEX will be our main tool for producing them. The example described here can be produced with pdfTEX as well as traditional TEX.

◀ Hans Hagen ▶

MAPS 20 1998

p 290-296 201 kB

Contending with Office suites

The author is tried beyond endurance by current Office software.

◀Windows▶
suites
wordprocessors
◀graphics▶
export
import
OLE
frogs

◀Siep Kroonenberg▶

MAPS 20 1998

p 297-298 85 kB

view

publications keywords authors titles introduction previous next search exit

4TEX5.0: TDS, Web2c, and Windows 95/NT

geen samenvatting (no abstract)

◀Wietse Dol▶

MAPS 20 1998
p 299-301 156 kB

view

publications keywords authors titles introduction previous next search exit

Perl and TEX a simple application

A simple application where perl is used to extract data from log-files and create output using TEX. The perl-scripts in this article run under perl 4.036 and should also run under perl 5.

◀ Gilbert van . . . ▶

MAPS 20 1998
p 302-304 126 kB

Some funny macro's

Sometimes documents can be enhanced with special typography for the first character or lines of chapters. In this article I present some macros for dropped caps and first line treatment. Although more advanced solutions are possible, the examples show at least how things work. Users can derive their own macros from them.

◂ Hans Hagen ▸

MAPS 20 1998

p 305-310 110 kB

ConTEXt – een handleiding

This is the second half of the ConTEXt manual for beginners. Those who want an index and a quick reference guide, can dowload the complete manual from the NTG server. The layout is adapted to the MAPS layout.

◀ Hans Hagen ▶
◀ Ton Otten ▶

MAPS 20 1998

p 311-347 1150 kB

MAPS 21 1998

Verslag 21ste ledenvergadering NTG
Van de Voorzitter (1998/2)
Redactioneel (1998/2)
Het Weten Waard
Verslag 21ste bijeenkomst NTG
De NTG en het Internet (1998/2)
TEX User Groups around the world
TEX in 2003: Part I
TEX in 2003: Part II
Toolbox: let's keep things plain
The 19th annual TEX Users Group Meeting
Parameterized data for tables in TEX – Dynamics, aha!
Poor man's cyrillics on a Mac – TEXing English and Russian
Minimal markup – expansion in the gullet, aha!
Catching up – PDF and HTML at the heart
Eenheid in eenheden
The TEX backend for Jade and the JadeTEX macros
Diversity in math fonts

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Opening; Notulen 20ste bijeenkomst; Verslag van de secretaris; Verslag penningmeester en kascontrolecommissie; Bestuursverkiezingen; Erelidmaadschap.

◂Maarten . . .▸

MAPS 21 1998

p 1 62 kB

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Van de Voorzitter (1998/2)

geen samenvatting (no abstract)

◂ Erik Frambach ▸

MAPS 21 1998

Redactioneel (1998/2)

geen samenvatting (no abstract)

◂Siep Kroonenberg▸
◂Taco Hoekwater▸

MAPS 21 1998

Het Weten Waard

geen samenvatting (no abstract)

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p 4 122 kB

Verslag 21ste bijeenkomst NTG

geen samenvatting (no abstract)

◂ Maarten . . . ▸

MAPS 21 1998

p 5-6 87 kB

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De NTG en het Internet (1998/2)

De NTG is niet alleen met webpagina's op het Internet aanwezig, maar ook middels een aantal discussielijsten. In dit artikel wordt kort aangegeven wat een discussielijst is, hoe je je aan- en afmeldt en wat je te wachten staat na aanmelding. Tevens wordt een overzicht gegeven van de in Nederland aanwezige TEX-gerelateerde lijsten.

◀ Jules van Weerden ▶

MAPS 21 1998

p 7-8 109 kB

TEX User Groups around the world

geen samenvatting (no abstract)

◀ Erik Frambach ▶

MAPS 21 1998

p 9-12 316 kB

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TEX in 2003: Part I

Propositions and conjectures on the future of TEX. This article was presented at TUG'98 in Torun, Poland.

◀ TEX ▶
◀ future ▶
◀ proposals ▶

◀ NTG TEX Future . . . ▶

MAPS 21 1998

p 13-19 176 kB

view

publications keywords authors titles introduction previous next search exit

TEX in 2003: Part II

Proposal for a \special standard. This article was presented at TUG'98 in Torun, Poland.

MAPS 21 1998

p 20-27 175 kB

Toolbox: let's keep things plain

This Toolbox follows the eclectic approach that most readers will know from previous ones. Without aiming to give a comprehensive oversight of the logic behind them, I present some plain TEX-commands that can be used directly in LATEX. As the editors of this journal decided to make English the preferred language for contributions, this column is no longer in Dutch. However, as far as my limited command of the language allows, I will try to keep the tone informal and the discussion accessible to novice users.

MAPS 21 1998

p 28-30 160 kB

The 19th annual TEX Users Group Meeting

The 19th annual TEX Users Group Meeting took place in Torun, Poland, in August of this year. The following is the impression of the authors who tried to attend all the talks. Unfortunately a couple of the talks were not attended by either of the authors. Apologies to those authors.

◀ Kaveh Bazargan ▶
◀ Philip Taylor ▶

MAPS 21 1998

p 31-34 120 kB

view

publications keywords authors titles introduction previous next search exit

Parameterized data for tables in TEX – Dynamics, aha!

The issue of generating and using parameterized data for tables in TEX is elaborated upon. The automatic insertion of markup along with the use of parameterized markup and the `\btable` macro is not the issue, but are prerequisites. `\btable`'s use, along with the automatic insertion of markup in the data as such, can be seen as tools, stepping stones, which made it possible to concentrate on pure data generation, or its use in typesetting tables by TEX.

◀ Kees van der Laan ▶

MAPS 21 1998

p 35-39 210 kB

Poor man's cyrillics on a Mac – TEXing English and Russian

The typesetting in TEX of English mixed with Russian is discussed for a Macintosh. Starting from the WNCY-fonts only a few extra control sequences have to be remembered for the keyboarding. The approach is suitable for all machines which have the WNCY-fonts. Email in cyrillics can be handled by formating via pdfTEX and sending the .pdf file as attachment in a MIME message.

◀ Kees van der Laan ▶

MAPS 21 1998

p 40-41 126 kB

Minimal markup – expansion in the gullet, aha!

A plea is made for a reappraisal of TEX's capabilities of expansion in the gullet of minimal marked up scripts into complete marked up scripts. Attention is focused on expansion of implicitly marked up table data by spaces and e-o-l-s into data separated by `\cs` and `\rs`, the abstract but explicit column and row separators, respectively. The ultimate aim is that the processing tool can't be distilled from the 'marked up' script.

◀ BLUe ▶
◀ crosswords ▶
◀ expansion ▶
fifo
look ahead
◀ minimal markup ▶
◀ mouth processing ▶
preprocessing
◀ tables ▶
◀ tail recursion ▶

◀ Kees van der Laan ▶

MAPS 21 1998

p 42-48 211 kB

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Catching up – PDF and HTML at the heart

New hardware not only urged me to get TEX & Co running again, in a richer environment, but I had also to catch up with developments since. Most noteworthy in relation with TEX and documents, are the acceptance of the PDF exchange format and the HTML format, next to the realization of multi-media.

◀ Kees van der Laan ▶

MAPS 21 1998

p 49-52 153 kB

Eenheid in eenheden

In order to support a consistent typography of units in technical documents the ConTEXt module `units` was developed. When this module is loaded all SI-units are available. Seldom used and/or complex units can be defined by the user with the command `\unit[]{}{}`.

◀ Ton Otten ▶
◀ Hans Hagen ▶

MAPS 21 1998

p 53-60 166 kB

The TEX backend for Jade and the JadeTEX macros

Jade is an implementation of the DSSSL specification, and includes a TEX backend; the JadeTEX macro package is needed to process the Jade TEX output. We describe how Jade and JadeTEX work together. This article was written for the newsletter of the International SGML Users Group.

◀Sebastian Rahtz▶

MAPS 21 1998

p 61-69 415 kB

Diversity in math fonts

We will examine the issues raised when modifying (La)TEX fonts within math environments, and attempt to suggest effective means of accessing a larger variety of font options, while avoiding typographic nonsense.

◀ math fonts ▶
◀ fontinst ▶
◀ MathTime ▶
Lucida
mathptm
◀ virtual fonts ▶
◀ math fonts ▶
◀ LATEX ▶

◀ Thierry Bouche ▶

MAPS 21 1998

p 70-84 1013 kB

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MAPS 22 1999

Van de voorzitter
Redactioneel
NTG and TEX info
Letter from Donald Knuth
Bericht van voorheen FGBBS - Voorjaar 1999
De NTG en het Internet
Announcing BachoTEX'99
TUG'98, Torun, Polen
Gezeefd uit de TEX-NL discussielijst
PostScript Fonts op computers?
How to install a Type1 font using fontinst
Installing PostScript Fonts Under Unix/Linux
NFSS: using font families in LATEX2e
Fonts in ConTEXt
De Euro in TEX
A short introduction to font characteristics
Introducing Eetex
The pdfTEX users manual
Introducing VTEX/Linux
Introducing GeX
4Spell, a spell-checker for Windows 95/98/NT
4Project: a project manager for TEX
How Perl can help TEX
Is TEX Y2K-compliant?

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A Database for PPCHTeX
Beginnen met ConTEXt
Optimizing TEX code
Tabulating in ConTEXt
Bug or Feature? – misleading font messages
Don't give authors the class files!
Robin Williams over typografie – een dame geeft raad
Typography to a purpose
Report on TEX-Tagung Dante'99 in Dortmund

Van de voorzitter

geen samenvatting (no abstract)

◀ Erik Frambach ▶

MAPS 22 1999

Redactioneel

geen samenvatting (no abstract)

◂ Taco Hoekwater ▸
◂ Siep Kroonenberg ▸

MAPS 22 1999

NTG and TEX info

geen samenvatting (no abstract)

MAPS 22 1999

Letter from Donald Knuth

geen samenvatting (no abstract)

MAPS 22 1999

Bericht van voorheen FGBBS - Voorjaar 1999

geen samenvatting (no abstract)

◀ Frans Goddijn ▶

MAPS 22 1999

p 5-6 22 kB

De NTG en het Internet

De NTG is niet alleen met webpagina's op het Internet aanwezig, maar ook middels een aantal discussielijsten. In dit artikel wordt kort aangegeven wat een discussielijst is, hoe je je aan- en afmeldt en wat je te wachten staat na aanmelding. Tevens wordt een overzicht gegeven van de in Nederland aanwezige TEX-gerelateerde lijsten.

◀ Jules van Weerden ▶

MAPS 22 1999

p 7-8 31 kB

Announcing BachoTEX'99

geen samenvatting (no abstract)

◀ Erik Frambach ▶

MAPS 22 1999

p 9-10 600 kB

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TUG'98, Torun, Polen

geen samenvatting (no abstract)

Redaktie

MAPS 22 1999

Gezeefd uit de TEX-NL discussielijst

Dit is het vijfde deel uit een serie die in 1993 door Philippe Vanoverbeke in de MAPS is gestart. Philippe maakte een selectie van berichten uit de TEX-NL lijst. Een aantal oplossingen, hints en gouden tips over onderwerpen waarvan je weleens denkt: “hoe zat dat ook alweer?” In de MAPS van voorjaar 1998 stond deel 4. Voor deze aflevering is een aantal berichten gezeefd uit TEX-NL van maart 1998 tot januari 1999. Met dank aan Piet van Oostrum die opnieuw de meeste antwoorden aandroeg, en aan de andere actieve abonnees van TEX-NL!

◀ Frans Goddijn ▶

MAPS 22 1999

p 13-31 79 kB

PostScript Fonts op computers?

Dit artikel geeft een korte inleiding in de interne werking van PostScript computer-fonts en hun coderingen. Dit artikel is een aanpassing van een serie slides die gepresenteerd werden op de NTG bijeenkomst van 22 oktober 1998 in Leuven.

◀ Taco Hoekwater ▶

MAPS 22 1999

p 32-36 85 kB

How to install a Type1 font using fontinst

In this brief tutorial I will describe how a PostScript Type 1 font can be made available to TEX using the fontinst-utility (version 1.8). I will not delve into the technical details of this program or the exact functionality of each of the font files used during this process, as those aspects of font-installation are described in other articles in this issue of MAPS. I will not delve into the advanced features of fontinst either, but rather will provide a hands-on tutorial.

MAPS 22 1999

p 37-42 53 kB

Installing PostScript Fonts Under Unix/Linux

This article discusses practical issues for installing Adobe PostScript fonts for TEX running on Unix/Linux. It also presents a script for automating the installation in order to install a package with over 200 fonts. As a useful side effect, the script creates a font data base and a font catalog to help the buyer/user of the font collection.

◀Roland Kwee▶

MAPS 22 1999

p 43-51 80 kB

NFSS: using font families in LaTeX2e

This paper gives a brief overview of the LaTeX2e NFSS font machinery and font definition files. It also gives examples of ad-hoc font changes with low-level NFSS commands.

◀ Siep Kroonenberg ▶

MAPS 22 1999

p 52-54 42 kB

Fonts in ConTEXt

This article is the revised chapter 5 of the ConTEXt reference manual, typeset in the MAPS layout. We will pay attention to all kind of font switching, fine tuning, and also provide some background information. Special attention is paid to the mapping of font names to files and some words are spent on encodings. This text is typeset in Lucida Bright but within the layout specification of the MAPS.

◀ Hans Hagen ▶

MAPS 22 1999

p 55-76 237 kB

De Euro in TEX

geen samenvatting (no abstract)

euro teken
euro fonts

Hein Laan

MAPS 22 1999

p 77-80 108 kB

A short introduction to font characteristics

Almost anyone who develops an interest in fonts is bound to be overwelmed by the bewildering variety of letterforms available. The number of fonts available from commercial suppliers like Adobe, URW, LinoType and others runs into the thousands. A recent catalog issued by FontShop alone lists over 25.000 different varieties. And somehow, although the differences of the individual letters are hardly noticable, each font has its own character, its own personality. Even the atmosphere elucided by a text set from Adobe Garamond is noticably different from the atmosphere of the same text set from Stempel Garamond. Although decisions about the usage of fonts, will always remain in the realm of esthetics, some knowledge about font characteristics may nevertheless help to create some order and to find out why certain design decisions just do not work. The main aim of this paper is to provide such background by describing the main aspects that might be used to describe a font.

MAPS 22 1999

p 81-88 164 kB

Introducing Eetex

This article gives an introduction to eetex. Eetex is an extension to e-tex 2.0 that defines a collection of new primitives. Most of these deal with list data structures, but some other things are added as well.

◀ Taco Hoekwater ▶
◀ Hans Hagen ▶

MAPS 22 1999

p 89-93 50 kB

The pdfTEX users manual

geen samenvatting (no abstract)

Hàn Thê Thành
◀ Sebastian Rahtz ▶
◀ Hans Hagen ▶

MAPS 22 1999

p 94-114 145 kB

view

publications keywords authors titles introduction previous next search exit

Introducing VTEX/Linux

This document is a short introduction to VTEX for Linux, a partial port of VTEX that is free for non-commercial use. The most interesting feature of the compiler is the use of PDF as a backend instead of DVI.

◀VTeX▶
◀Linux▶
◀port▶
MicroPress

◀Taco Hoekwater▶
◀Michael Vulis▶

MAPS 22 1999

p 115-116 30 kB

view

Introducing GeX

This is a short introduction to the pilot release of GeX. GeX is the most rapidly evolving part of VTEX; more detailed documentation is available in the distribution of VTEX. This article specifically describes GeX as implemented in the public domain version of VTEX/Linux. While the same or additional features may be available in the commercial Windows version, we describe what exists in the freely downloadable version. For information on downloading VTEX/Linux see the NTG web site or the article in this MAPS issue.

◀ Taco Hoekwater ▶
◀ Michael Vulis ▶

MAPS 22 1999

p 117-122 75 kB

4Spell, a spell-checker for Windows 95/98/NT

In this paper we will describe the features of 4Spell 1.1, a Windows spell-checker for TEX documents. Since there aren't many good spell-checkers around and since 4Spell only works on Windows platforms, we will also explain how the spell-checking is done. This should make it possible to write a spell-checker for other platforms (why not use perl and become platform independent :-) 4Spell is part of the new 4TEX for Windows (release expected by the end of March 1999). We realized, however, that this tool could be useful for people who do not want to use 4TEX and hence we made it a stand-alone freeware program.

◀ Wietse Dol ▶
◀ Erik Frambach ▶

MAPS 22 1999
p 123-126 82 kB

4Project: a project manager for TEX

A new project manager, 4Project, analyses your TEX document and gives you easy access to any item in it.

◀ Erik Frambach ▶

MAPS 22 1999

p 127-129 76 kB

How Perl can help TEX

Perl may be an easy interface to TEX when it comes to repetitive tasks, like writing letters, creating reports from databases, and many more. This article shows how Perl can be used to generate many similar pictures via the `mfpic` style

◀ Wybo Dekker ▶

MAPS 22 1999

p 130-135 85 kB

Is TEX Y2K-compliant?

Will TEX and related programs continue to work properly after the year 2000? This article describes how TEX deals with dates and how this affects its behavior after the year 2000.

◀ Erik Frambach ▶

MAPS 22 1999

p 136-141 72 kB

A Database for PPCHTeX

A database with PPCHTeX code would ease the work for those who have to draw chemical formulas only occasionally and have no time to become acquainted with it. But experts could also make use of it. The establishing of such a database is discussed and proposed.

Richard Müller

MAPS 22 1999

p 142-143 23 kB

Beginnen met ConTEXt

geen samenvatting (no abstract)

◀ Berend de Boer ▶

MAPS 22 1999

p 144-147 38 kB

Optimizing TEX code

Macros can be collected in macro packages. These packages can be stored in a form that permits fast loading. Although TEX is already pretty fast, for demanding applications it makes sense to speed up TEX to the max. Switching to e-TEX and beyond is one way to achieve this, another way can be found in optimizing the macro code by means of a dedicated program. Currently the combination of both can speed up TEX runs by at least 10%.

speeding up
◀ format ▶
optimizing code
◀ e-TEX ▶
◀ ConTEXt ▶

◀ Hans Hagen ▶

MAPS 22 1999

p 148-152 57 kB

view

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Tabulating in ConTEXt

This article describes the ConTEXt tabulate environment, which can be used to typeset tables that are part of the text flow. This mechanism differs from the TaBlE based table mechanism, but recognizes the same preamble commands. It offers automatic width calculations when typesetting (multiple) paragraphs in tables and splits the tables over pages.

◀ Hans Hagen ▶

MAPS 22 1999

p 153-161 54 kB

Bug or Feature? – misleading font messages

TEX error messages and warnings are not always that clear. Sometimes confusion is due to optimizations in TEX the program. We will discuss the noty always honest `\the\font`.

◀ Hans Hagen ▶
◀ Taco Hoekwater ▶

MAPS 22 1999

Don’t give authors the class files!

geen samenvatting (no abstract)

◀ Kaveh Bazargan ▶

MAPS 22 1999

p 162-163 21 kB

Robin Williams over typografie – een dame geeft raad

Tijdens de heuglijke NTG-dag in het vorstelijke Leuven vond ik op de boekentafel van Addison-Wesley twee leuk uitziende boeken over typografie en ontwerp. Mooie, knalgele boekjes die even onderhoudend als leerzaam bleken, geschreven door Robin Williams: *The Non-designers's Type Book* en *The Non-designers's Design Book*. Ik sla er één voor u open.

◂Frans Goddijn▸

MAPS 22 1999

p 164-167 116 kB

Typography to a purpose

This paper shows some real-life examples of typography, some good, some not so good. We shall have a look at what is on the page and speculate about what the publisher or designer is trying to accomplish.

◂Siep Kroonenberg▸

MAPS 22 1999

p 168-173 941 kB

Report on TEX-Tagung Dante'99 in Dortmund

A report on Dante's 20th meeting which took place in Dortmund. The future of the NTS project and the e-TEX project were hot issues that were discussed during this meeting.

◀ report ▶
◀ Dante ▶
◀ NTS ▶
◀ e-TEX ▶

◀ Erik Frambach ▶
◀ Taco Hoekwater ▶
◀ Siep Kroonenberg ▶

MAPS 22 1999

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MAPS 23 1999

Redactioneel
NTG and TEX info
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TEX User Groups around the world
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Gezeefd uit de TEX-NL discussielijst
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Zet tekst op een vaste plaats op een bladzijde
DTP with TEX
Het gebruik van KIX (tm) in TEX
An Extended Maths Font Set for Processing MathML
TEX as presentation tool – an introduction to the ConTEXt ...
Typesetting flow charts – let TEX and METAPOST do the job
ASCII editors for TEX on MS-Windows
Using Emacs and AucTEX for preparing LATEX documents
Tools for PostScript and PDF

Redactioneel

geen samenvatting (no abstract)

◂ Taco Hoekwater ▸
◂ Siep Kroonenberg ▸

MAPS 23 1999

NTG and TEX info

geen samenvatting (no abstract)

MAPS 23 1999

De NTG en het Internet (1999/2)

geen samenvatting (no abstract)

MAPS 23 1999

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TEX User Groups around the world

geen samenvatting (no abstract)

◀ Erik Frambach ▶

MAPS 23 1999

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TUG'99, Vancouver

geen samenvatting (no abstract)

◀ TEX user groups ▶
Vancouver
◀ TUG conference ▶

◀ Siep Kroonenberg ▶

MAPS 23 1999

p 8-12 178 kB

view

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Gezeefd uit de TEX-NL discussielijst

Dit is het zesde deel uit een serie die in 1993 door Philippe Vanoverbeke in de MAPS is gestart. Philippe maakte een selectie van berichten uit de TEX-NL lijst. Een aantal oplossingen, hints en gouden tips over onderwerpen waarvan je weleens denkt: “hoe zat dat ook alweer?” In de MAPS van najaar 1998 stond deel 5. Voor deze aflevering is een aantal berichten gezeefd uit TEX-NL van maart 1999 tot juli 1999.

◀ Frans Goddijn ▶

MAPS 23 1999

p 13-31 191 kB

The NTG MAPS bibliography – from SGML to TEX to PDF

A few years ago, the NTG decided to put their MAPS volumes on the internet in the PDF file format. At about the same time, it was decided to build the associated bibliography in such a way that it could be used to produce both a HTML and PDF document.

Recently, the MAPS bibliography has been converted to a proper XML document source. In the process, the descriptions were made as consistent as possible. The XML source was used as input for a PDF document, that provides extensive browse and search options. This PDF file, along with the MAPS articles, is provided to NTG members as an additional service.

In this article the electronic NTG MAPS will be presented and the specific characteristics of the production process will be explained. Also, some of the complicating aspects will be discussed. I assume that the reader is familiar with SGML and TEX. The focus will be on the interface between SGML, TEX and PDF.

◀Hans Hagen▶

MAPS 23 1999

p 32-47 125 kB

4TEX 5.0 for Windows and the 4allTEX CDroms

Every year many software distributors launch a new version of their software products. They all tell you that there are fundamental improvements and bug fixes and that you have to upgrade immediately. With the release of edition 5 of 4allTEX you could ask yourself what this new edition offers as compared to e.g. the older versions of 4allTEX and the TEX-live CDrom. Below we will give a summary of all of the goodies of the new 4allTEX distribution and give you pointers to the internet where you can find more information.

◀Wietse Dol▶
◀Erik Frambach▶

MAPS 23 1999

p 48-52 190 kB

Toolbox: the toolbox?

This MAPS is about the TEX Toolbox, about other programs than TEX itself. So this MAPS's toolbox should probably deal with this kind of material. As a consequence this toolbox is even more eclectic than earlier ones. First I will show you how I make mailings to NTG-members, by combining Excel and LATEX. Next I will present the most ugly regular expression I know of, and finally I will say something about using makefiles.

◀ mail-merge ▶
regular . . .
◀ emacs ▶
Excel
makefiles
◀ toolbox ▶

◀ Maarten . . . ▶

MAPS 23 1999

p 53-55 79 kB

view

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Maak een logo met behulp van literate programming

In dit artikel wordt beschreven hoe de *literate programming* techniek gebruikt kan worden om complexe taken uit te voeren en te documenteren. Als voorbeeld wordt een logo ontworpen met behulp van de gereedschappen AWK, picTEX en LATEX.

◀ Paul Huygen ▶

MAPS 23 1999

p 56-68 82 kB

Zet tekst op een vaste plaats op een bladzijde

In dit artikel is beschreven hoe een LaTeX probleem werd opgelost door het aan de TeX kopstukken voor te leggen via de NTG mailing list. Het concrete LaTeX probleem was het plaatsen van tekst op een vaste plaats op een bladzijde.

◀ Paul Huygen ▶

MAPS 23 1999

p 69-71 106 kB

DTP with TEX

A set of simple macros is presented, in the style of modular programming, to make it easy to put texts at arbitrary positions on the page, without being restricted by formatting rules. This is not only useful for single-page documents like announcements and business cards, but also for designing stationery with letterheads or printing labels. The method is based on putting kerned texts in boxes with zero horizontal and vertical size and staying in vertical mode. This works with plain, and any other, TEX and can be combined with any other document formatting.

◀ Roland Kwee ▶

MAPS 23 1999

p 72-74 68 kB

Het gebruik van KIX (tm) in TEX

Recentelijk introduceerde de Nederlandse PTT de zogenaamde KIX (tm)-code. Deze KlantIndex is een streepjescode die gebruikte wordt ten behoeve van de automatische verwerking van poststukken. In dit artikel laat ik zien hoe KIX met relatief weinig moeite gebruikt kan worden binnen TEX en LATEX.

KIX
font
barcode
PTT

◀ Maarten . . . ▶

MAPS 23 1999

p 75-76 30 kB

view

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An Extended Maths Font Set for Processing MathML

Last years autumn, work started on a new set of mathematical fonts that are intended to cover the full range of characters included in MathML as well as those included in the proposals for mathematical extensions in the next version of Unicode.

This paper presents the first result of that work: A new Times-compatible maths font set consisting of about 1500 symbols and a few alphabets; along with a collection of TEX macros to use them.

These fonts are donated to the public domain by Kluwer Academic Publishers and are available in both METAFONT source and Adobe Type 1 formats.

◀ Taco Hoekwater ▶

MAPS 23 1999

p 77-83 139 kB

TEX as presentation tool – an introduction to the ConTEXt presentation environments

In this article I will introduce a few styles I wrote on behalf of presentations. These styles are part of the ConTEXt distribution and can serve as an example of defining layouts in this macro package. More details can be found in the documented styles.

◀ Hans Hagen ▶

MAPS 23 1999

p 84-89 97 kB

Typesetting flow charts – let TEX and METAPOST do the job

This article presents the ConTEXt module that deals with flowcharts and related types of charts. The charts are drawn at run-time by METAPOST in close cooperation with TEX. This not only gives us rather good graphics, but also provides a seamless integration of flow charts in documents, including hyperlink support and other fancy features.

◂Hans Hagen▸

MAPS 23 1999

p 90-102 178 kB

ASCII editors for TEX on MS-Windows

There are many good ASCII editor programs available for TEX-users using MS-Windows. However, they all have there strong points and their weaknesses. In this article I will discuss a few of them.

◀Erik Frambach▶

MAPS 23 1999

p 103-107 345 kB

Using Emacs and AucTEX for preparing LATEX documents

Users of TEX and LATEX can be helped very much by an editor that knows about the specifics of these packages. For instance it can do syntax coloring so that the user sees immediately the difference between normal text and TEX commands; it can insert skeletons for often used commands and environments in order to prevent missing elements (e.g. missing \end parts), etc.

This article describes the use of the Emacs editing environment with the AucTEX package for the preparation of LATEX documents. The main characteristics of Emacs are discussed, followed by a more detailed description of the facilities that AucTEX offers to assist the author of LATEX documents. Finally we describe how AucTEX can be customized to support your own or external commands and LATEX packages.

◀Piet van Oostrum▶

MAPS 23 1999

p 108-112 279 kB

Tools for PostScript and PDF

This paper explains why PostScript is interesting for TEX users, and describes various tools for working with PostScript, with special attention to GhostScript. The paper concludes with a section on PDF, the derivative of PostScript which is destined to take over much of the role of PostScript in the prepress workflow.

◀ PostScript ▶
DSC comments
◀ PDF ▶
◀ GhostScript ▶
◀ graphics ▶
◀ conversion ▶
◀ EPS inclusion ▶
bounding box

◀ Siep Kroonenberg ▶

MAPS 23 1999

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LATEX met één toets vanuit vi
Building a TEX installation for distribution
Typesetting modern & contemporary poetry with LATEX
The Design and Use of a Multiple-Alphabet Font with
TEX in Polish
Toolbox
Making stand alone METAPOST graphics
Typesetting CD labels
The ultimate loop macro
Annotating presentations
Postprocessing PDF files–an application of TEXexec and pdfTEX
Literate Programming
LATEX in proper ConTEXt

Redactioneel

geen samenvatting (no abstract)

◂ Taco Hoekwater ▸
◂ Siep Kroonenberg ▸

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NTG- en TEX Info

geen samenvatting (no abstract)

Praten met drukkers – Een coproduktie van de MAPS-redaktie en het NTG-bestuur

Een beschrijving van de perikelen rondom het aanleveren van PostScript output aan een drukker.

MAPS 24 2000

p 3-6 49 kB

LaTeX met één toets vanuit vi

De ontstaansgeschiedenis van een shell script om vanuit vi met één toets LaTeX op te roepen en, indien nodig, xdvi te starten voor het previewen.

Sven A. Bovin

MAPS 24 2000

p 7-8 37 kB

Building a TEX installation for distribution

At Kluwer Academic Publishers we use TEX for typesetting journals. Since there are obvious advantages to using a standardized distribution, we provide our typesetters with one on CD. This article describes the principles of this setup.

◀ Siep Kroonenberg ▶

MAPS 24 2000

p 9-11 72 kB

view

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Typesetting modern & contemporary poetry with LaTeX

TeX: a typesetting engine limited to scientific publishing? Where would be the fun?

◀ Thierry Bouche ▶

MAPS 24 2000

p 12-26 464 kB

The Design and Use of a Multiple-Alphabet Font with

The project aims to offer open and flexible means for typesetting different scripts. By working at several different levels, it is possible to offer natural support for different languages and scripts, and strictly respect typographical traditions for each of them. This is illustrated with a large PostScript Type 1 font for the commonly used left-to-right non-cursive alphabets, called `omlgc` (Latin-Greek-Cyrillic). This font, which more than covers the Unicode sections pertaining to those alphabets, as well as those of IPA, Armenian, Georgian and Tifinagh (Berber), is built–virtually–out of smaller glyph banks. The typesetting engine, based on that of TEX, is used to print documents using this font. The characters can be accessed either directly, or through the use of filters, called Typesetting Processes (OTPs), which are applied to the input stream.

◀ ▶
Multiple-Alphabet ...
omlgc

◀ Yannis ... ▶
John Plaice

MAPS 24 2000

p 27-37 168 kB

view

publications | keywords | authors | titles | introduction | previous | next | search | exit

TEX in Polish

Writing in Polish with TEX requires a few tricks. In Polish you need several accents that are often not available in ‘standard’ fonts. Some TEX macros can solve this problem more or less. We will show the pros and cons. Another ‘problem’ is input encoding. One can use 8-bit input in combination with the corresponding codepage definition, or a 7-bit encoding with a few extras to make typing easier. Both methods will be discussed. This article reflects the content of a lecture held at the NTG meeting on 11 November 1999.

◀ Erik Frambach ▶

MAPS 24 2000

p 38-40 60 kB

Toolbox

This toolbox contains some varia. First I discuss some reactions on remarks I made in an earlier toolbox. Next, Hans Hagens `texexec` is used in the following section to create EPS and PDF files from METAPOST source. Files created this way are often more usefull than the EPS files METAPOST itself creates. How to prepare a single source file for usage with both traditional TEX and pdfTEX is discussed next. I also show how easy it is to set up a font different from Computer Modern for typesetting simple mathematics, pay some attention to a failed attempt to install a TrueType font and present a small PostScript header file that can be used to produce watermarks.

make
◀ texexec ▶
◀ PDF ▶
◀ EPS ▶
◀ math fonts ▶
◀ toolbox ▶

◀ Maarten . . . ▶

MAPS 24 2000

p 41-43 69 kB

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Making stand alone METAPOST graphics

When a METAPOST graphic uses fonts, the PostScript file is not self contained and hardly usable outside TEX. One can however use TEX itself, or actually pdfTEX, to create such a graphic. Although this method uses an ConTEXt module, the solution provided here is independant of this macro package. The macros responsible for the process are collected in the file `mptopdf.tex`.

◀ Hans Hagen ▶

MAPS 24 2000

p 44-45 36 kB

Typesetting CD labels

Now that CD burners are becoming standard equipment in personal computers, there is a need for software to typeset CD labels. Of course, one can just squeeze a normal paragraph of text in the confines of a label, but it would be much more elegant to set the text to use all the available space. In this short article I will explain the macros that I wrote during a Christmas holiday, and that contain a few neat tricks.

◀ Victor Eijkhout ▶

MAPS 24 2000

p 46-48 52 kB

The ultimate loop macro

The plain TEX format contains a \loop macro that has been a source of frustration and puzzlement to users ever since. Its syntax is somewhat strange, you have to insert an \if... condition in it but cannot use \else, and nested use of the macro runs into various problems. In this article I will describe my own improved loop macro, which I've called \repeat to prevent confusion.

◀ Victor Eijkhout ▶

MAPS 24 2000

p 49-51 38 kB

Annotating presentations

Today most presentations are enlightened by text shown on transparencies or using video beamers. This text is often rather limited in size. In this article I present a method of annotating pages that can be used with the ConTEXt presentation styles.

◂ Hans Hagen ▸

MAPS 24 2000

p 52-53 51 kB

Postprocessing PDF files–an application of TEXexec and pdfTEX

This article introduces some ways to manipulate PDF files using pdfTEX, ConTEXt, and TEXexec. The method described here can be used for arbitrary PDF input, given that it can be handled by pdfTEX.

◀ Hans Hagen ▶

MAPS 24 2000

p 54-57 46 kB

Literate Programming

This article is a short introduction to the theory and practice of a programming style known as Literate Programming; a style that changes the focus of writing programs away from telling a computer what to do and toward explaining to a person what it is we are telling the computer to do. Literate Programming overcomes the limitations inherent in presenting traditionally structured program text. Using a balanced mix of informal and formal methods, literate programs are presented in a way suited for human understanding. Processing a literate program source results in both a nicely typeset document describing the parts of the program in an order that elucidates their design, and source code in an order in which it will compile.

Michael A. ...

MAPS 24 2000

p 59-64 142 kB

LaTeX in proper ConTeXt

If you are a LaTeX user, switching to an entirely different macro-package is a very big step. Everything you put so much effort in to learn, doesn't work anymore. To help lessen the pain for users make the switch, this document shows short LaTeX code snippets and how you do the same in ConTeXt.

◀ Berend de Boer ▶

MAPS 24 2000

p 65-92 80 kB

MAPS 25 2000

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Nieuws van CTAN
ConTEXt en pdfTEX
Gezeefd uit de TEX-NL discussielijst
Toolbox: een syllabus
The TEXLive CDROM
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Typesetting pdf annotations
Hanging punctuation, a pdfTEX microtypographic extension
Antykwa Półtawskiego: a parameterize outline font
A macro routine for writing text along a path in METAPOST
MetaFun, Chapter 3: Embedded graphics

Redactioneel

geen samenvatting (no abstract)

◂ Siep Kroonenberg ▸
Sven Bovin

MAPS 25 2000

EuroTEX2001 conference

Announcement of the 12th European TEX Conference, which will be held in Kerkrade in the Netherlands, from 23 to 27 September 2001. The theme is "TEX and Meta: the Good, the Bad and the Ugly Bits".

◀ Erik Frambach ▶

MAPS 25 2000

p 2-3 41 kB

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De NTG en het Internet

De NTG is niet alleen met webpagina's op het Internet aanwezig, maar ook middels een aantal discussielijsten. In dit artikel wordt kort aangegeven wat een discussielijst is, hoe je je aan- en afmeldt en wat je te wachten staat na aanmelding. Tevens wordt een overzicht gegeven van de in Nederland aanwezige TEX-gerelateerde lijsten.

MAPS 25 2000

p 4-5 46 kB

TEX user groups around the world

A list of all TEX user groups currently known to us.

◂ Erik Frambach ▸
◂ Siep Kroonenberg ▸

MAPS 25 2000

p 6-8 48 kB

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Nieuws van CTAN

Dit artikel beschrijft een aantal recente bijdragen uit het CTAN archief. Het is de bedoeling om in elke MAPS zo'n artikel te plaatsen. Ik zal hierbij één of meer bijdragen wat uitvoeriger beschrijven en andere bijdragen kort noemen. De selectie is gebaseerd op wat ik zelf interessant vind en wat ik denk dat voor veel anderen interessant is. Het is dus een persoonlijke keuze. Het heeft niet de bedoeling om een volledig overzicht te geven. De uitgebreidere bijdragen zijn ook geen handleidingen. Beschouw het maar als een soort menukaart die de bedoeling heeft om de lezer te laten watertanden.

◀ Piet van Oostrum ▶

MAPS 25 2000

p 9-12 54 kB

ConTEXt en pdfTEX

In deze sectie zal het laatst bekende nieuws op het gebied van pdfTEX en ConTEXt aan de inner crowds worden ontfutseld. In deze eerste aflevering komt aan bod wat de laatste versies van pdfTEX en ConTEXt zijn. En tevens waar je ze kunt halen. En verder in iedere aflevering een ConTEXt tip: vandaag over het produceren van A5 boekjes die op A4 worden afgedrukt.

◀ Berend de Boer ▶

MAPS 25 2000

p 13-18 55 kB

Gezeefd uit de TEX-NL discussielijst

This is part seven in a series of articles started in 1993 by Philippe Vanoverbeke. Philippe selected a number of messages from the TEX-NL mailing list which deserved to be remembered and lookup up by readers of MAPS. Solutions, hints and tips. MAPS of fall 1999 had part 5. This installment more or less covers august 1999 through july 2000. During a hectic year I had missed most messages and working through the backlog for this article provided me with a useful and time consuming opportunity to see what I would have missed otherwise. Questions and answers are marked in twins but sometimes a reply poses a new question, invoking one more answer, making for an instructive thread. As before, honorary member Piet van Oostrum, and also Hans Hagen are always helpful members of the list. To them and all the others feeding the list with their stimulating questions and helpful answers thanks!

◀ Frans Goddijn ▶

MAPS 25 2000

p 19-55 180 kB

Toolbox: een syllabus

In deze toolbox wordt een voorbeeld besproken van een redelijk omvangrijk LaTeX-document. Het nut van de verschillende packages komt aan de orde en er wordt tevens besproken hoe de packages worden gebruikt in het document zelf en welke opties daarvoor in de preamble moeten worden opgenomen.

◀ Maarten . . . ▶

MAPS 25 2000

p 56-71 137 kB

view

The TEXLive CDROM

Recently all NTG members received the latest TEXLive cdrom. This article describes a quick and efficient method of installing the content of the TEX repository. Since you can download the latest cdrom image via the internet, you can also use this method for occasional updates.

◀ Wybo Dekker ▶

MAPS 25 2000

p 72-73 34 kB

pdfTEX's little secret

It is no secret that pdfTEX introduces new primitives, but some of them are less known than others. In this article I will describe an example of the use of \pdfsavepos cum suis. We will investigate their usage by implementing a simple emTEX specials simulator.

◀ Hans Hagen ▶

MAPS 25 2000

p 74-78 54 kB

Typesetting pdf annotations

This article describes how to use pdfTEX to typeset annotations added to pdf documents. This method uses ConTEXt but can be applied to any valid pdf document.

◀ Hans Hagen ▶

MAPS 25 2000

p 79-80 127 kB

Hanging punctuation, a pdfTEX microtypographic extension

At the time of this writing, Hàn Thê Thành is writing his thesis, wherein he explains in great detail two extensions to TEX's typesetting engine. In this article we will explore marginal kerning, or character protruding. We will demonstrate the effects and introduce the new primitives, as well as explain how to enable this feature in ConTEXt.

◀ Hans Hagen ▶

MAPS 25 2000

p 81-85 74 kB

Antykwa Półtawskiego: a parameterize outline font

The implementation of the Antykwa Półtawskiego font in METAPOST and its conversion to PostScript Type1 outline font.

Bogusław ...
Janusz Nowacki
◂Piotr Strzelczyk▸

MAPS 25 2000

p 86-102 672 kB

A macro routine for writing text along a path in METAPOST

In this article we show a general macro written in *pure METAPOST* for putting *any* text using *any* font over *any* path. The routine will be explained in detail and some graphics will be included for clarifying purposes. Very special thanks are due to Maarten Gelderman who has made the final translation with the biggest care and interest.

Santiago Muelas

MAPS 25 2000

p 103-113 95 kB

MetaFun, Chapter 3: Embedded graphics

This article is a nearly 100% copy of chapter 3 of the MetaFun manual. This chapter discusses a few alternative ways to define and include METAPOST graphics in a document. This article contains some colors, so if you want to get the real picture, you should fetch the MetaFun manual from www.pragma-ade.com (beta manual download page). The MetaFun macros (METAPOST as well as TEX) are part of the regular ConTEXt distribution.

◀Hans Hagen▶

MAPS 25 2000

p 114-124 76 kB

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Editorial
A note about the design of the Proceedings
Pattern Generation Revisited
Use of TEX plugin technology for displaying of real-time weather and ...
TEXlib: a TEX reimplementation in library form
From database to presentation via XML, XSLT and ConTEXt
Usage of MathML for paper and web publishing
The Euromath System – a structured XML editor and browser
Instant Preview and the TEX daemon
TEX and/or xml: good, bad and/or ugly
TEX Top Publishing: an overview
ConTEXt Publication Module, the user documentation
mlbibTEX: a New Implementation of bibTEX
Special fonts
MetaType1: a METAPOST-based engine for generating Type 1 fonts
Natural TEX Notation in Mathematics
TEX in teaching
Poligraf: from TEX to printing house
Extending ExTEX
Directions for the TEXLive system
DCpic, Commutative Diagrams in a (La)TEX Document
Using pdfTEX in a PDF-based imposition tool
ASCII-Cyrillic and its converter email-ru.tex
A Tour around the NTS implementation

Visual TEX: TEXlite
Conversion of TEX fonts into Type 1 format
Math typesetting in TEX: The good, the bad, the ugly
Typography and production of manuscripts and incunabula
Reintroducing type 3 fonts to the world of TEX
Literate Programming, not just another pretty face

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Editorial

geen samenvatting (no abstract)

MAPS 26 2001

p 1-4 45 kB

A note about the design of the Proceedings

geen samenvatting (no abstract)

Pattern Generation Revisited

The program PatGen, being nearly twenty years old, doesn't suit today's needs: it is nearly impossible to make changes, as the program is highly optimised (like TEX); it is limited to eight-bit encodings; it uses static data structures; reuse of the pattern technique and packed trie data structure for problems other than hyphenation (context dependent ligature handling, spell checking, Thai syllabification, etc) is cumbersome. Those and other reasons explained further in the paper led us to the decision to reimplement PatGen from scratch in an object-oriented manner (like NTS - New Typesetting System reimplementation of TEX) and to create the PATtern LIBrary PatLib and the (hyphenation) pattern generator based on it. We argue that this general approach allows the code to be used in many applications in computer typesetting area, in addition to those of pattern recognition, which include various natural language processing, optical character recognition, and others.

David Antoš
Petr Sojka

MAPS 26 2001

p 7-17 132 kB

Use of TEX plugin technology for displaying of real-time weather and geographic information

In this article we show how by means of the GeX plugin technology one can process and display geographic information including real-time weather data as part of a TEX to PDF compilation.

S. Austin
D. Menshikov
◀ Michael Vulis ▶

MAPS 26 2001

TEXlib: a TEX reimplementation in library form

I first came across the need for a TEX in library form when I was thinking about developing a graphical real-time front-end to TEX (the TEXPerfect project, more info at http://texperfect.sourceforge.net). A quick survey (on the comp.text.tex newsgroup) showed that other projects could have benefited from a library providing TEX typesetting capabilities, and I thus decided to develop TEXlib as a separate project from TEXPerfect. A 'call for developers' on the same newsgroup provided the project with developers/consultants/helpers.

Giuseppe Bilotta

MAPS 26 2001

p 19-26 90 kB

From database to presentation via XML, XSLT and ConTEXt

Much data exists only in databases. A familiar example is an address list. Every once in a while this data must be presented to humans. To continue with the address list example, annually an address list must be printed and mailed. In this article I attempt to given an exhaustive overview of going from structured data through ConTEXt to output.

◀Berend de Boer▶

MAPS 26 2001

p 27-39 132 kB

Usage of MathML for paper and web publishing

The Mathematical Meta Language (MathML) oft he World Wide Web Consortium (W3C) based on XML has gained more support in the last months. Looking at the W3C's list ofsof tware which supports MathML one sees that the number of applications which can produce MathML is rather long, but the list of applications supporting typesetting of MathML is rather short.

Tobias Burnus

MAPS 26 2001

p 40 24 kB

view

publications keywords authors titles introduction previous next search exit

The Euromath System – a structured XML editor and browser

The Euromath System is an XML WYSIWYG structured editor and browser with the possibility of TEX input/output. It was developed within the Euromath Project and funded through the SCIENCE programme of the European Commission. Originally, the core of the Euromath System was based on the commercial SGML structured editor Grif. At present, the Euromath System is in the final stage of re-implementation based upon the public domain structured editor Thot and XML. During the re-implementation process several principal differences between the basic features of Thot and the basic purposes of the Euromath System had to be resolved.

J. Chlebíková
J. Guričan
M. Nagy
I. Odrobina

MAPS 26 2001

p 41-48 331 kB

Instant Preview and the TEX daemon

Instant Preview is a new package, for use with Emacs and xdvi, that allows the user to preview instantly the file being edited. At normal typing speed, and on a 225MHz machine, it refreshes the preview screen with every keystroke. Instant Preview uses a new program, dvichop, that allows TEX to process small files over 20 times quicker than usual. It avoids the overhead of starting TEX. This combination of TEX and dvichop is the TEX daemon. One instance of the TEX daemon can serve many programs. It can make TEX available as a callable function. It can be used as the formatting engine of a WYSIWYG editor. This talk will demonstrate Instant Preview, describe its implementation, discuss its use with LATEX, sketch the architecture of a WYSIWYG TEX, and call for volunteers to take the project forward.

◀ Jonathan Fine ▶

MAPS 26 2001

p 49-58 125 kB

view

TEX and/or xml: good, bad and/or ugly

As a typesetting engine, TEX can work pretty well with structured input. One can build interfaces that are reasonably well to work with and code in. XML on the other hand is purely meant for coding, and the more rigorous scheme prevents errors and makes reuse easy. Contrary to TEX, xml is not equivalent to typesetting, although there are tools (and methods) to easily convert the code into other stuctured code (like HTML) that then can be handled by rendering engines. Should we abandon coding in TEX in favor of xml? Should we abandon typesetting using TEX in favor of real time rendering of relatively simple layout designs? Who are the good and bad guys in that world? And even more importantly: to what extent will document design (and style design) really change?

◂ Hans Hagen ▸

MAPS 26 2001

TEX Top Publishing: an overview

TEX is used for producing a broad range of documents: articles, journals, books, and anything you can think of. When TEX came around, it was no big deal to beat most of those day's typesetting programs. But how well does TEX compete today with mainstream Desk Top Publishing programs? What directions will publishing take and what role can TEX play in the field of typesetting? What are today's publishing demands, what are the strong and what are the weak points of good old TEX, and what can and should we expect from the successors of TEX?

◂ Hans Hagen ▸

MAPS 26 2001

ConTEXt Publication Module, the user documentation

This module takes care of references to publications and the typesetting of publication lists, as well as providing an interface between BibTEX and ConTEXt. This is a preliminary version; changes may be needed or wanted in the near future. In particular, there are some minor issues with the multi-lingual interface that need to be solved.

◂Taco Hoekwater▸

MAPS 26 2001

p 61-73 94 kB

view

mlbibTEX: a New Implementation of bibTEX

This paper describes mlbibTEX, a new implementation of bibTEX with multilingual features. We show how to use it as profitably as possible, and go thoroughly into compatibility between bibTEXs current implementation and ours. Besides, the precise grammar of mlbibtex is given as an annex.

Jean-Michel ...

MAPS 26 2001

p 74-94 228 kB

Special fonts

We propose the use of a special pseudofont as an enhancement (in a sense) of the \special instruction. The examples of the implementation show that the technique applied here would prove to be extremely useful, especially with METAPOST.

◀ Bogusław . . . ▶
Krzysztof . . .

MAPS 26 2001

p 95-110 172 kB

MetaType1: a METAPOST-based engine for generating Type 1 fonts

A package for preparing parameterized outline fonts in PostScript Type 1 format is described. The package makes use of METAPOST, awk, and T1utils, therefore is supposed to be easily portable to various computer platforms. Its beta version along with a sample font (Knuth's logo font) is available from: ftp://bop.eps.gda.pl/pub/metatype1

◀outline fonts▶
scalable fonts
parametrized ...
PostScript ...
◀METAFONT▶
◀METAPOST▶

◀Bogusław ...▶
Janusz M. ...
◀Piotr Strzelczyk▶

MAPS 26 2001

p 111-119 225 kB

view

publications keywords authors titles introduction previous next search exit

Natural TEX Notation in Mathematics

In this paper we introduce Nath, a LATEX 2.09/2e style implementing a natural TEX notation for mathematics.

Michal Marvan

MAPS 26 2001

p 120-129 164 kB

TEX in teaching

A well-known slogan in language technology is ‘parsing-as-deduction’: syntax and meaning analysis of a text takes the form of a mathematical proof. Developers of language technology (and students of computational linguistics) want to visualize these mathematical objects in a variety of formats. We discuss a language engineering environment for computational grammars. The kernel is a theorem prover, implemented in the logic-programming language Prolog. The kernel produces LATEX source code for its internal computations. The front-end displays these in a number of user-defined typeset formats. Local interaction with the kernel is via a tcl/tk GUI. Alternatively, one can call the kernel remotely from dynamic PDF documents, using the form features of Sebastian Rahtz’ hyperref package.

Michael Moortgat
Richard Moot
Dick Oehrle

MAPS 26 2001

p 130-140 148 kB

view

Poligraf: from TEX to printing house

The macro package Poligraf was for the first time presented at the Polish TEX Users' Group meeting 'BachoTEX'96'. Users' suggestions and remarks have been taken into account leading to this new, completely re-worked version.

Janusz Marian ...

MAPS 26 2001

p 141-145 77 kB

view

Extending ExTeX

What can be done after the completion of ExTeX? I describe a dream, some results, and some further ideas.

◀ Simon Pepping ▶

MAPS 26 2001

p 146-150 77 kB

Directions for the TEXLive system

This paper is about the current status of the TEXLive software. The first part of the paper will address the structured description of its content and how the Windows 1 setup program can use it. The past experiments with the Windows installer have revealed that the problem was harder than expected. The new TEXLive 6 description files will allow a more effective way to use the setup program. Some further enhancements are even scheduled. The second part of the paper will address a set of possible extensions to the Web2C/Kpathsea pair (read it as a call for code contributions!). Some aspects of its use were not foreseen when it was devised and it may be time for an enhancement.

◀ Fabrice Popineau ▶

MAPS 26 2001

p 151-161 159 kB

DCpic, Commutative Diagrams in a (La)TEX Document

DCpic is a package of TEX macros for graphing Commutative Diagrams in a (La)TEX or ConTEXt document. Its distinguishing features are: the use of PICTEX a powerful graphical engine, and a simple specification syntax. A commutative diagram is described in terms of its objects and its arrows. The objects are textual elements and the arrows can have various straight or curved forms. We describe the syntaxand semantics of the user's commands, and present many examples of their use.

Pedro Quaresma

MAPS 26 2001

p 162-172 147 kB

Using pdfTeX in a PDF-based imposition tool

pdfTeX has been used successfully to build an industrial-strength PDF-based imposition tool. This paper/talk describes the pitfalls we encountered and the lessons learned.

Martin Schröder

MAPS 26 2001

p 173 25 kB

view

publications keywords authors titles introduction previous next search exit

ASCII-Cyrillic and its converter email-ru.tex

A new faithful ASCII representation for Russian called ASCII-Cyrillic is presented here, one which permits accurate typing and reading of Russian where no Russian keyboard or font is available – as often occurs outside of Russia. ASCII-Cyrillic serves the Russian and Ukrainian languages in parallel. This article initially discusses Russian; but, further along, come the modifications needed to adapt to the Ukrainian alphabet.

◀ Laurent . . . ▶

MAPS 26 2001

p 174-186 112 kB

view

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A Tour around the NTS implementation

NTS is a modular object-oriented reimplementation of TEX written in Java. This document is a summary of a presentation which shows the path along which the characters and constructions present in the input file pass through the machinery of the program and get typeset. Along the way the key classes and concepts of NTS are visited, the differences with original TEX are explained and the good points where to dig into the system are proposed.

Karel Skoupy

MAPS 26 2001

Visual TEX: TEXlite

A prototype of a visual TEX is implemented by means of minor modifications of canonical TEX. The changes include the ability to start compilation from an arbitrary page, fast paragraph reformatting, and retaining the origin of visual elements. The new features provide direct editing of the document preview and correct markup of the source text.

Igor Strokov

MAPS 26 2001

p 188-191 54 kB

Conversion of TEX fonts into Type 1 format

This paper analyses the problem of converting TEX fonts to Type 1 fonts, describes TEXtrace, a new free conversion program, and compares it to other possible methods and existing utilities. TEXtrace works by rendering the font in high resolution and then tracing (vectorizing) it.

◀ PDF ▶
font conversion
Type 1
◀ METAFONT ▶
vector
◀ outline ▶
raster
◀ bitmap ▶
◀ pdfTEX ▶

Péter Szabó

MAPS 26 2001

p 192-206 165 kB

view

publications keywords authors titles introduction previous next search exit

Math typesetting in TEX: The good, the bad, the ugly

Taking the conference motto as a theme, this papers examines the good, the bad, and the ugly bits of TEX's math typesetting engine and the related topic of math fonts. Unlike previous discussions of math fonts, which have often focussed on glyph sets and font encodings, this paper concentrates on the technical requirements for math fonts, trying to clarify what makes implementing math fonts so difficult and what could or should be done about it.

◀ Ulrik Vieth ▶

MAPS 26 2001

p 207-216 122 kB

Typography and production of manuscripts and incunabula

This paper describes how the modern type of books slowly came into existence during the middle ages. The first printers modeled their products on these handwritten books but needed – in time – some adjustments because of the differences in production between a manuscript and a printed book and because of the differences between producing for a patron or for an anonymous mass market.

Paul Wackers

MAPS 26 2001

p 217-218 36 kB

Reintroducing type 3 fonts to the world of TEX

Nowadays, a great number of documents are produced every day. Many authors would like their documents to stand out from the rest not only by content but also by typographic design. For this purpose one may use decorative letters, ornaments, dingbats and special fonts. If each document would have to look different from all the others a great many fonts and font deviations are needed. This could be achieved by combining the METAPOST language with the type 3 font format. This new font creation technology enables users endless single-use-only variations in weight and width, style and size, and in color. A new level of control over the embellishment level off onts in documents is thereby achieved.

◂ Włodek Bzyl ▸

MAPS 26 2001

p 219-243 516 kB

view

Literate Programming, not just another pretty face

The structure of a software program may be thought of as a ‘web’ that is made of many interconnected pieces. To document such a program, we want to explain each individual part of the web and how it relates to its neighbors. D.E.K.

Michael Guravage

MAPS 26 2001

p 244-245 64 kB

MAPS 27 2002

Redactioneel
TEX gebruikersgroepen
Agenda
Een uittreksel uit de recente bijdragen in het CTAN archief
Patenten, copyright en 'intellectual property'
Letter from Knuth
Meta-Euro
The euro symbol
Doing it my way: a lone TEXer in the real world
Drawing effective (and beautiful) graphs with TEX
Figures
DTP'en met LATEX, gebruik en adviezen
From PC-Write to ConTEXt easy speedy beauty
A do-it-yourself thebibliography in ConTEXt
TEX voor thuis
Mac OS X als TEX platform
Configuration
MathML

Redactioneel

geen samenvatting (no abstract)

TEX gebruikersgroepen

Een overzicht van alle ons bekende TEX gebruikersgroepen met bijbehorende contact-gegevens.

◂Erik Frambach▸

MAPS 27 2002

p 2-5 60 kB

Agenda

geen samenvatting (no abstract)

◂ Jules van Weerden ▸

MAPS 27 2002

Een uittreksel uit de recente bijdragen in het CTAN archief

Dit artikel beschrijft een aantal recente bijdragen uit het CTAN archief. De selectie is gebaseerd op wat ik zelf interessant vind en wat ik denk dat voor veel anderen interessant is. Het is dus wel een persoonlijke keuze. Het heeft niet de bedoeling om een volledig overzicht te geven. De uitgebreidere bijdragen zijn ook geen handleidingen. Beschouw het maar als een soort menukaart die de bedoeling heeft om de lezer te laten watertanden.

◀ Piet van Oostrum ▶

MAPS 27 2002

p 7-9 62 kB

Patenten, copyright en 'intellectual property'

In dit stuk wordt aandacht gevraagd voor software patenten en andere aanslagen op onze elektronische vrijheid.

Software patenten
WIPO
EPO
standaarden
Europa

◂ Siep Kroonenberg ▸

MAPS 27 2002

p 10-12 93 kB

view

publications keywords authors titles introduction previous next search exit

Letter from Knuth

A facsimile copy of a letter by Donald E. Knuth to Siep Kroonenberg about the EuroTEX2002 proceedings. In the letter, dated 26 November 2001, Donald E. Knuth congratulates Siep Kroonenberg on the "most beautiful design and production of the EuroTEX2001 proceedings." He further describes how both he and Mrs. Knuth love its look and feel. The letter is hand written with a pencil on the personal stationery (Donald E. Knuth, Professor Emeritus of The Art of Computer Programming) of the Stanford University in Stanford, California. Although the actual text of the letter is somewhat more concise than this abstract, it is a must-see for any TEX user.

MAPS 27 2002

p 13 601 kB

view

Meta-Euro

How to create the Euro symbol in Metapost.

Patrick Gundlach

MAPS 27 2002

p 14-19 68 kB

The euro symbol

When Patrick Grundlach posted a nice MetaPost version of the euro symbol to the ConTEXt discussion list, he added the comment "The official construction is ambigious: how thick are the horizontal bars? How much do they stick out to the left? Is this thing a circle or what? Are the angles on the left side of the bars the same as the one on the right side? ..." The alternative below is probably not as official as his, but permits a finetuning. You are warned: whatever you try, the euro is and will remain an ugly symbol.

◀ Hans Hagen ▶

MAPS 27 2002

p 20-22 54 kB

Doing it my way: a lone TEXer in the real world

While a world-renowned standard in many academic fields, Don Knuth's much acclaimed typesetting system is almost unknown in most parts of the real world, where many a document designer has achieved professional success without ever hearing (let alone pronouncing) the word 'TEX'. Outside academia, the lone TEXer faces not only compatibility headaches, but also outright incomprehension from his customers, colleagues, or competitors: why would anyone want to use TEX to produce memos, two-color newsletters, full-color brochures, overhead transparencies, and other items – in short, anything but books that contain a lot of mathematics? As a consultant in professional communication, I have been using TEX for all documents I have produced for my clients and for myself during the last ten years or so. Though it has turned out to be most successful, this approach is seen by most as a mere idiosyncrasy. And yet, the systematic use of my own TEX and PostScript programming gives me three unequalled advantages over using off-the-shelf software: I travel light, I can go anywhere I please, and I guarantee I'll get there.

◂ Jean-Luc Doumont ▸

MAPS 27 2002

p 23-28 135 kB

Drawing effective (and beautiful) graphs with TEX

A standard approach to producing documents that include illustrations consists in typesetting text with specialized typesetting software (such as TEX) and inserting illustrations created with different, equally specialized software. To better integrate the illustrations into the typeset page, it would be nice to be able to produce or modify them directly with the typesetting software. Drawing graphs with TEX, for example, would allow one to set them \hsize wide and 0.75\hsize high, position labels exactly \baselineskip below the horizontal axis, and, especially, typeset all annotations with the same fonts, sizes, and mathematical beauty as the rest of the document. The hybrid TEX and PostScript macros presented in this paper take advantage of TEX's power to graph and annotate data sets in a variety of ways in order to produce effective, beautiful, well-integrated graphs. They use TEX to draw all horizontal and vertical lines (axes, tick marks, grid lines) and set all annotations, and PostScript to draw the data, as markers, lines, and areas. While fairly simple, they have been successfully harnessed to appear in a wide range of real-life applications, up to logarithmic graphs and (with some patience) complex multipanel displays. Of course, the macros are a tool for drawing final graphs rather than exploring or transforming data sets.

◀ Jean-Luc Doumont ▶

MAPS 27 2002

p 29-35 407 kB

view

Figures

Within the TEX community there is a widely used database for bibliographic references, BIB-TEX, but not for figures. To manage figures ConTEXt now supports a figures database. The database is setup in XML and converted to an interactive PDF figure library featuring ordered displays and a search mechanism. From the library, figures can be included easily in ConTEXt documents as long as both the PDF and the XML files remain present.

◀Hans Hagen▶
◀Ton Otten▶

MAPS 27 2002

p 36-40 477 kB

view

DTP'en met LaTeX, gebruik en adviezen

Verslag van het gebruik van LaTeX voor DTP-doeleinden, met enkele eenvoudige macro's en het integreren van platjes: een beschrijving aan de hand van de praktijk.

Ernst van der . . .

MAPS 27 2002

p 41-44 258 kB

From PC-Write to ConTEXt easy speedy beauty

A tale of more than 10 years of joy and struggle with TEX followed by a period of bliss, of easy to use tools, quickly obtained results and incredible possibilities from the coming of 4TeX and ConTEXt, narrated by non-gurus.

◀ non-guru ▶
4TeX
◀ ConTEXt ▶

◀ Karel Wesseling ▶
Gertrude van ...
Jos Settels

MAPS 27 2002

p 45-50 419 kB

view

A do-it-yourself thebibliography in ConTEXt

Moving from LATEX to ConTEXt is not really simple but to return from ConTEXt to LATEX would have been equally hard were it not for a publication by Berend de Boer in MAPS 24 explaining how to do LATEX things in ConTEXt. Only one thing was missing, a do-it-yourself thebibliography. Hans Hagen had a solution which is described below.

◀ Karel Wesseling ▶

MAPS 27 2002

p 51-55 65 kB

view

publications keywords authors titles introduction previous next search exit

TEX voor thuis

Dit verhaal richt zich tot mensen die op hun eigen machine TEX aan de praat willen krijgen, zonder hulp van een systeembeheerder of guru-vriendje.

◂ Siep Kroonenberg ▸

MAPS 27 2002

p 56-59 167 kB

view

Mac OS X als TEX platform

Nu het Macintosh platform tot Unix is bekeerd en ingebouwde ondersteuning heeft voor pdf, bezit de Mac hele goede papieren als een platform voor TEX. Het programma TEXShop is hiervan het bewijs.

◀ Siep Kroonenberg ▶

MAPS 27 2002

p 60-61 308 kB

Configuration

Texmf trees can make a TEX installation more maintainable. With creative use of environment variables, it is possible to run different versions and different configurations in different xterm or console windows.

◂ Siep Kroonenberg ▸

MAPS 27 2002

p 62-65 77 kB

MathML

Typesetting math in MathML using ConTEXt.

◂ Hans Hagen ▸

MAPS 27 2002

p 66-119 208 kB

Keywords

4allTeX
4TeX

a

abstract
academic
Acorn
Acrobat
actions
active documents
active list separators
activities
addresses
AdjKerns
administration
Adobe
algorithms
aligning figures
alignment
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AMSLaTeX
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annotations
announcement
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ArabTeX
Archimedes
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Arnhem
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array addressing
ASCII
ASCII editors
AsTeX
Aston
Atari
AucTeX
automated font generation
automated report writing
automated typesetting
availability

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b

Babel
BachoTEX
back-end
barcode
base distribution
BBS
beginner
beta preview
bibdb
bibedit
Bibliographies
bibliography
BibTEX
bibTEX
Big5
BigTEX
binary tree
bitmap
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block comment
BLUe
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citation lists
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coherence
color conversion
color gray conversion
color gray printing
color model
color optimizing use
color printing
color separation
color tables
color TEX visualization
color verbatim
comment blocks
commercial
communication
Communicative diagrams
commutative diagrams
comp.text.tex
comparison
compatibility
compatible extension
components of TEX
compound words
computer-assisted typography
computer art
Computers & Typesetting
conference
conference planning
Configuration
configuration
configuring
constructivism
contents
ConTEXt
ConTEXt chemics
ConTEXt color palets
ConTEXt interactive documents
ConTEXt interface

Keywords

a b
c d
e f
g h
i j
k l
m n
o p
q r
s t
u v
w x
y z

ConTEXt manual
ConTEXt tables
ConTEXt verbatim
continuation
conversion
cooperation CyrTUG
cooperation NLUUG
copyright
Cork
counter
courses
courseware
craft typography
credit card
cross-referencing
crosswords
CTAN
curriculum development
curve
curvilinear
customizing
cyrillics
CyrTUG

d
Dante
Darmstadt
database handling
database publishing
databases
datacommunicatie
data distribution
data generation
data integrity
data manipulating
dates
daTEX
dBase
DC fonts
debugging
declarative program
Decus
DECwrite
design
device-independent color
diagrams
dialogue with TEX
dice
dictionaries
Digital Equipment
digital typography
digits

directory
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discussionlist
disks
distribution
djgpp
docstrip
document
documentation
document class design
document class implementation
document formatting models
document retrieval
document styles
Docutech
DocuTech
Donald Knuth
DOS
DOSKEY
Douat
DraTEX
dropped caps
drukkers
DSC comments
dsssl
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DTD
DTP
Dubna
Duerer
dutch
dutch spelling
DVI
DVIHPS
DVI previewer
dvips
DVIview
dynamical markup

e

e-TEX
editing
editing colored TEX
editor
education
eeTEX
EGD
electronic publishing
electronic submission
Elsevier
emacs

Keywords

a b
c d
e f
g h
i j
k l
m n
o p
q r
s t
u v
w x
y z

emacs lisp
email
emTEX
encodings
engineers
enquete
environment variables
EPO
EPS
epsfig
EPS inclusion
error handling
error messages
error recovery in TEX
escape character
Escher
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Europa
Euro symbol
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evaluation
\everypar
Excel
exchange of TUGboat and ...
\expandafter
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export
extended TEX
extension
extension of exTEX
extensions
exTEX

f

FAQ
Farsi
fdf
FGBBS
Fidonet
FIFO
fifo
figures
figures with labels
file location
file manager
file requests
file searching
fileserver
filetypes
fills

filtering
financial report
first line treatment
floats
Florida
flowcharts
foils
font
font attributes
font classification
font conversion
font dimensions
font encodings
font families
fontinst
font installation
fontkeuze
font metrics
fonts
fonts in METAPOST
footnote
forbidden environment
formal computation
format
formatting
formulas
fotozetters
4allTEX
4spell
4TEX
fractal
frame
freeware
frequently asked questions
frogs
front-end
FrontDoor
FTP
functionality
future

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games
Gdansk
gebruikersgroepen
generic style
geschiedenis
GeX
GhostScript
global optimization
glossary
glue

go
graphic design
graphics
graphics 3D
graph referencing
Greek
greyboxes
grids
Groene Boekje
guide
guidelines
guru
GUST
GUTenberg

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heap sort
help
Hermann Zapf
hidden lines
high quality printing
Hilbert
hints
house style
HTML
hyperlink
hyperTEX
hyphenation
hyphenation of accented words

i
image
imperative code
import
inclusion of graphics
incunabulum
indentation
index
index preparation
inline graphics
inner versus outer world
input encoding
INRSTEX
inserts
insights
installatie
installation
integrating

interactive documents
interface
internet
intersection
interview
introduction
inventory
ISO8879
ISO9660
items
ITI-TNO

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jadetex
Java
JavaScript
Jed
Johan Polak
joke
journals
justification

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Kepler
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kerns
key fob
KIX
Kluwer
KNCV
Knuth
Koch island

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language
laser printers
LATEX
LATEX2.09
LATEX2e
LATEX2HTML
LATEX3
LATEX companion
LATEX cursussen
LATEX installation
layout
lazy evaluation
lecture notes
letter
Letter

letterforms
library
lifephases formats
LIFO
linear equations
linear search
linear sorting
lines
link
Linotronic
Linux
list element tag
lists
listserver
lists of references
literate programming
Literate Programming
literature database
LittleComm
local guide
logical contexts
logical structure
logos
Lollipop
long-range planning
look ahead
loop macro
loops
Lucida
lustrum
LyX

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Macintosh
Mac OS X
macro design
macro language
macro management
macro packages
macros
mail
mail-merge
mailing list
mailserver
make
makefiles
MakeIndex
Malevich
manmac
manual
manuscript
MAPS

Keywords

a b
c d
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When METAFONT does it alone

Titles

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publications keywords authors titles introduction previous search exit

Introduction

Deze bibliografie omvat alle artikelen die in de eerste 24 nummers van NTG's tijdschrift MAPS zijn verschenen, plus de artikelen gepubliceerd in de proceedings van de EuroTEX–conferentie in 1995, die door de NTG is georganiseerd. De bibliografie omvat in totaal ruim 700 artikelen.

This bibliography contains all the articles published in the first 24 issues of NTG's journal MAPS, plus the articles from the proceedings of the EuroTEX conference in 1995, which was organized by the NTG. In total it contains over 700 articles.

We raden aan om Acrobat Reader in te stellen op 'Full Screen' (via 'View' menu) of op 'Fit in Window'. 'Full Screen' kan weer verlaten worden door op Esc te drukken.

We recommend that you set Acrobat Reader's view to 'Full Screen' (through 'View' menu) or to 'Fit in Window'. From 'Full Screen' you can return to window view by pressing Esc.

Door middel van indexen op titels, sleutelwoorden en auteurs kunnen artikelen eenvoudig opgezocht worden. Daarnaast kan gebruik worden gemaakt een standaard zoekfunctie door op de knop 'search' te klikken. Door te klikken op de knoppen 'previous' en 'next' kan achteruit c.q. vooruit gebladerd worden.

Indexes on titles, keywords and authors can be used to search for articles. A standard search feature is also available by clicking on the 'search' button. The buttons 'previous' and 'next' can be used to move backwards and forwards.

publications
keywords
authors
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next
exit

Met de knop ‘publications’ kan naar een overzicht van alle tijdschriften worden gesprongen. De knoppen ‘keywords’, ‘authors’ en ‘titles’ kunnen gebruikt worden om naar een van de indexen te springen. Met de ‘exit’ knop kan het PDF–bestand gesloten worden.

The button ‘publications’ takes you to an overview of all journals. The buttons ‘keywords’, ‘authors’ and ‘titles’ can be used to jump to one of the indexes. The ‘exit’ button can be used to quit the PDF file.

De informatie over publicaties staat in de rechterkolom en bevat de volgende items:

Information about articles can be found in the right–hand column. It consists of the following items:

Sleutelwoorden: als er driehoekige pijltjes bij staan dan zijn er meer artikelen met dit sleutelwoord. Door op zo’n pijltje te klikken wordt naar het vorige of volgende artikel met dit sleutelwoord gesprongen.

Keywords: triangular arrows indicate that there are more articles supporting this keyword. By clicking on such an arrow you can jump to the previous or next article supporting this keyword.

Auteurs: ook hierbij kunnen driehoekige pijltje staan waarmee naar andere artikelen van dezelfde auteur kan worden gesprongen. Door op een auteursnaam te klikken wordt gesprongen naar de auteursindex.

Authors: again triangular arrows are used. They can be used to jump to articles written by the same author. By clicking on an author’s name you can jump to the authors index.

Tijdschrift, nummer en jaartal: deze spreken voor zich. Door op tijdschrift of jaartal te klikken wordt gesprongen naar een overzicht van alle artikelen in het betreffende tijdschrift.

Journal, volume and year: these need no explanation. By clicking on journal or year you can jump to an overview of all articles published in the same journal.

Paginanummers, taal en omvang: de paginanummers in het betreffende tijdschrijft worden gegeven, evenals de taal waarin het artikel is geschreven (Engels of Nederlands), en de omvang van het PDF–bestand in kilobytes.

Page numbers, language and size: the page numbers of the article within the journal are given, along with the language in which the article was written (English or Dutch), and the size of the PDF file in kilobytes.

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De data in deze MAPS–bibliografie is gecodeerd in XML en rechtstreeks verwerkt met behulp van ConTEXt en pdfTEX tot dit PDF–bestand. De 748 items in de bibliografie resulteren in een PDF–bestand van circa 5 megabytes, waarin ruim 800 pagina’s zitten en meer dan 19.000 hyperlinks. Het XML–bestand (`mapsbib.xml`) en bijbehorende DTD (`mapsbib.dtd`) staan ook op

deze cdrom. Voor de aardigheid is `mapsbib.xml` eveneens in PDF meegeleverd.

The data in this MAPS bibliography was coded in XML and directly processed into PDF using ConTEXt and pdfTEX. The 748 items in the bibliography lead to a PDF file of approximately 5 megabytes which contains over 800 pages and more than 19,000 hyperlinks. The XML file (`mapsbib.xml`) and the associated DTD (`mapsbib.dtd`) can also be found on this cdrom. Just for fun `mapsbib.xml` is also available in PDF.

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De Nederlandstalige TEX Gebruikersgroep heeft tot doel het in brede zin ondersteunen van de typografische programmeertaal TEX en het gelijknamige programma. In dat kader worden regelmatig bijeenkomsten en cursussen georganiseerd, diverse mailinglijsten ondersteund en het tijdschrift MAPS uitgegeven. Meer informatie over de NTG is te vinden op de website **www.ntg.nl** en is per email aan **info@ntg.nl** te verkrijgen.

The main objective of the Dutch Language Oriented TEX User Group is to support the typographic programming language TEX as well as the program with the same name. In this perspective, the NTG organizes meetings and courses, it supports several mailings lists, and publishes the journal MAPS. More information on the NTG can be found at the website **www.ntg.nl** or can be requested by sending email to **info@ntg.nl**.

Nederlandstalige TEX Gebruikersgroep, mei 2001

Dutch Language Oriented TEX User group, May 2001