Puzzling graphics in METAPOST
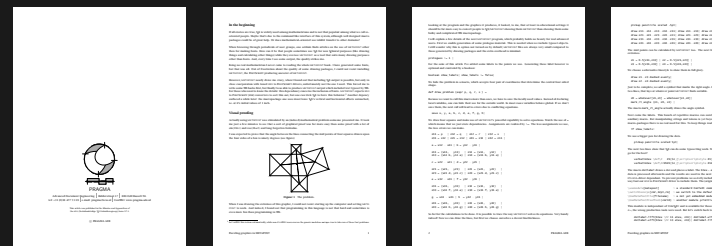
Hans Hagen

Fall 1997

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!

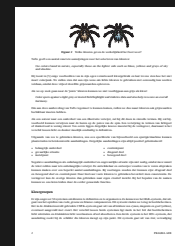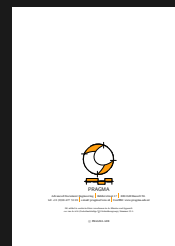# Een zwart-wit kijk op kleur

Hans Hagen & Johan Jonker

voorjaar 1995

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 treden. In dit artikel reiken we enkele tips en suggesties aan.

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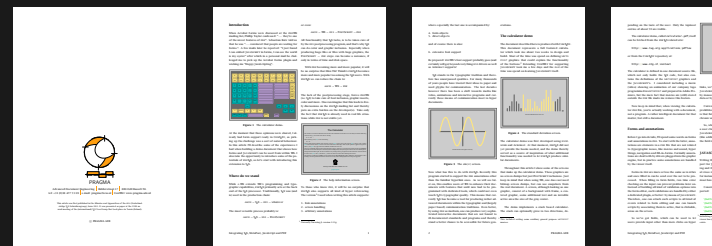# Integrating TeX, MetaPost, JavaScript and PDF

Hans Hagen

Spring 1998

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.

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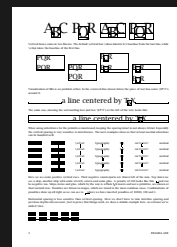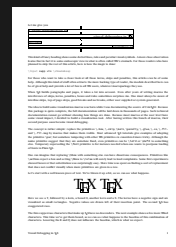
Visual Debugging in TEX

Hans Hagen

Fall 1996

This article shows some features of the visual debugging module I wrote in 1996 as part of the CONTEXT macro package. This module visualizes the low level typesetting components, like boxes, skips, glues and fills. Although beyond the scope of this article, they also let surface some behavior that often goes unnoticed.

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Beyond the bounds of paper
but within the bounds of screens
The perfect match of TₑX and Acrobat

Hans Hagen

Fall 1995

This paper was presented at the 1995 euroTₑX meeting in Arnhem NL. A slightly shorter version was included in the proceedings. The article reflects the state of ConTₑXt in 1995 related to pdf version 1.1.

Typografisch Programmeren

Hans Hagen

Voorjaar 1996

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 specialistische) programma's, kan het ontwikkelen ervan worden omschreven als typografisch programmeren.
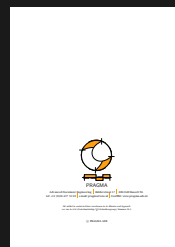
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The NTG MAPS bibliography

from SGML to T_EX to PDF

Hans Hagen

Fall 1999

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 with 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 xml and T_EX. The focus will be on the interfacing between xml, T_EX and pdf. Remark: the current interface may differ from the one described here.
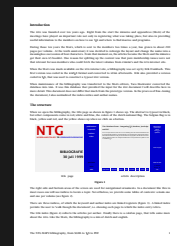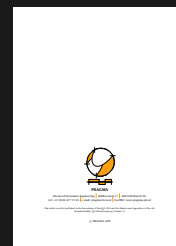
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T_EX as presentation tool

an introduction to the ConT_EXt presentation environments

Hans Hagen

Fall 1999

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.

This article introduces the first collection of presentation styles for ConTEXt. These styles are part of the ConTEXt distribution and can serve as an example of defining layouts in ConTEXt.