

BIJLAGE O**Working Group 10: SGML- \TeX** **State of affairs**

Groningen

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Abstract

An impression of what has been done by members of the WG is given.

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Prospects: Publishing houses strongly believe in the ‘marriage’ of SGML and \TeX .

Introduction

The WG consists of members of the NTG and SGML Holland Users Group.

First some experience was gained with typesetting bridge. Furthermore, we restricted ourselves, to start with, to mathematics and tabular matter, because these issues are important and possibly set the pace.

1 Just what happened

For the first NTG-days Jos Warmer was invited to talk about ‘Van SGML naar \TeX en omgekeerd.’

One report emerged where some mathematical examples have been treated, [4]. The first version contains: a mini-enquiry; identification of classes of examples; selected examples from these classes (independent of formatter); \LaTeX as well as SGML sources of the examples; SGML (adapted AAP) DTD's. In the next version the linking process will be dealt with, and parsed SGML code as well as generated \LaTeX code will be included.

A second report about tabular matter is in preparation.

2 Introduction material

Another activity is the introduction paper of Kees about SGML and \TeX . This paper has been presented at the second SGML Holland seminar, 1989, and will be presented at Cork90 and GUT90. At the latter conference Nico Poppelier will talk about: SGML and \TeX in scientific publishing.

3 WG10 members

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References

- [1] Laan, C.G. van der (1989): \TeX and SGML. Presented at 2nd SGML Holland Users Group Seminar.
- [2] Laan, C.G. van der (in prep.): Introduction to SGML. RC-RUG rapport (Course given at \TeX 89, Stanford, on behalf of the TUG. Contains copy of transparencies).
- [3] Laan, C.G. van der, D.C. Coleman, J.R. Luyten (1989): SGML- \LaTeX 1. Mathematical formulas. RC-RUG rapport 24.
- [4] Laan, C.G. van der, D.C. Coleman, e.a. (in prep.): SGML- \LaTeX 2. Tabular matter. RC-RUG rapport.