ArsTEXnica Contents of issue 1 (April 2006)

Editor's note: ArsTeXnica is the journal of QIT, the Italian TeX user group. The journal's web site is http://www.guit.sssup.it/arstexnica.

Massimiliano Dominici, Editoriale [From the editor]; p. 3

Brief exposition of the journal's purposes with an overview of the issue's contents.

GIANLUCA PIGNALBERI, Intervista a Donald Knuth [Interview with Donald Knuth]; pp. 5–7

The Italian translation of the interview with Donald Ervin Knuth, which first appeared in Free Software Magazine no. 7, and was republished in TUGboat volume 26, number 6.

[Translation by the author]

CLAUDIO BECCARI, I registri token: questi sconosciuti [The token registers: these mysteries]; pp. 8–13

In this tutorial I show how to use some of TEX's primitive commands and objects, not directly accessible from LATEX, to define useful macros to be used with (pdf)LATEX. These are tokens and token registers, that are seldom, not to say never, treated in LATEX manuals. [Translation by G. Pignalberi]

ENRICO GREGORIO, Ridefinire i comandi primitivi TEX e applicazioni a LATEX [Redefining TEX's primitive commands and applications in LATEX]; pp. 14–19

LATEX's typesetting is based on several primitive commands directly implemented inside the TEX program. It is possible, if you know what you are doing, to *redefine* such commands. I will discuss some examples of this kind, which will give ideas for other command redefinitions.

[Translation by the author]

Massimo Caschili, Semplici figure con l'ambiente picture [Simple figures using the picture environment]; pp. 20–28

A short guide on how to use picture, the LATEX standard environment for creating simple but effective figures.

[Translation by G. Pignalberi]

GUSTAVO CEVOLANI, Norme tipografiche per l'italiano in LATEX [The typographic rules of the Italian language, as applied to LATEX]; pp. 29–42

This article briefly describes the Italian language's main typesetting rules, to be followed when typesetting general purpose articles, theses and books. For each rule discussed, it shows how to apply the rule in LATEX. Perhaps the article could be useful to users of other typesetting programs also.

[Translation by G. Pignalberi]