

ArsTeXnica #9 (October 2010)

ArsTeXnica is the journal of G_JT, the Italian T_EX user group (<http://www.guit.sssup.it/>).

GIANLUCA PIGNALBERI, Editoriale [From the editor]; pp. 3–4

A short overview of the present issue.

GIANGIACOMO BRAVO, Reciprocità e attaccamento al gruppo nel forum G_JT [Reciprocity and appreciation for the G_JT forum group]; pp. 5–14

This paper studies the provision of public goods in open-source software support forums. Data from the G_JT were analyzed to find individual motives for offering help. Using this methodology, we were able to split the forum participants into a small intrinsically motivated core group and a much larger group motivated mainly on the basis of reciprocity. The motives of the two groups were largely complementary and jointly produced a situation where the overwhelming majority of questions received an appropriate answer. At the same time, the core group played a fundamental role and was the key in explaining the forum's success. Without this group, the forum's performance would have been considerably diminished, probably down to a level that would not justify its existence.

TOMMASO GORDINI, Scrivere un indirizzo postale [How to write a postal address]; pp. 15–23

We'll describe all the rules to write postal addresses exactly according to Italian standard. You can find here also a simple document class to print addresses directly on an envelope with L^AT_EX.

GIANLUCA PIGNALBERI, Cicli, test e calcoli angolari per disegni non banali con METAPOST [Loops, tests and angular computations for non-trivial drawings in METAPOST]; pp. 24–30

A fair number of introductory guides to METAPOST are available online; a good selection comes along with the T_EX distributions. Unfortunately, sometimes the authors don't succeed in treating the topics fully: some details get hidden, lost or left to other similar documents. In this paper we'll see how some non-trivial drawings for a short thesis on Galileo Galilei were done, having the chance to study in detail some of the manuals' explanations.

GUSTAVO CEVOLANI, Composizione automatica dell'indice dei nomi con bibl_{at}ex [Automatic composition of a list of names with bibl_{at}ex]; pp. 31–38

Most academic and specialist publications are required to contain an *index of names*. The bibl_{at}ex

package offers, for the first time, a simple and direct way of *automatically* generating the index of names. This paper briefly explains how to generate the index of names using bibl_{at}ex, with reference to some minimal working examples. The paper assumes that the reader is familiar with BIB_TE_X and the makeidx, index and bibl_{at}ex packages.

IVAN VALBUSA, Creare stili bibliografici con bibl_{at}ex: l'esperienza del pacchetto bibl_{at}ex-philosophy [How to create bibliographic styles with bibl_{at}ex: the experience of the package bibl_{at}ex-philosophy]; pp. 39–50

The aim of this article is to describe the genesis and the main features of the bibliography and citation styles provided by the bibl_{at}ex-philosophy package; moreover, it provides the basic concepts to create a style for use with Philipp Lehman's bibl_{at}ex package. This article requires basic knowledge of BIB_TE_X and bibl_{at}ex.

LUIGI SCARSO, Fell Types in ConT_EXt; pp. 51–56

In this paper we will briefly show how to install and use an OpenType font with ConT_EXt MkIV. We will use the *Fell Types* fonts as in M. Dominici's paper "Utilizzo di caratteri TrueType con L^AT_EX. Un esempio pratico: i *Fell Types*". A problem with an unusual font parameter is described and a solution offered by ConT_EXt MkIV is discussed.

ENRICO GREGORIO, L'arte esoterica di scrivere in cirillico con L^AT_EX [The esoteric art of writing in Cyrillic with L^AT_EX]; pp. 57–73

Writing words in the Cyrillic script with L^AT_EX is easy once we know some small tricks of the trade. With babel it's also easy to write a document with longer parts in a language using the Cyrillic script. We describe also some small defects of babel in this area and some ways to correct them.

CLAUDIO BECCARI and HEINRICH FLECK, I mark, questi sconosciuti [Marks, those unknowns]; pp. 74–78

Marks are useful for typesetting headers, but their inner workings are rather mysterious. We try to uncover their secrets with an important example: the composition of a dictionary.

[Received from Gianluca Pignalberi.]