

some types of switching architectures in a simple manner. The Sa-TikZ library provides not only the keys devoted to the drawing part, but also the keys devoted to customizing aspects of the architectures in the spirit of normal TikZ syntax.

GIANLUCA PIGNALBERI, Realizzazione di un layout complesso: la prima pagina de *La Settimana Enigmistica* [How to design a complex layout: The first page of *La Settimana Enigmistica*]; pp. 25–30

Making a complex page layout with L<sup>A</sup>T<sub>E</sub>X involves the use of multiple specialized packages. We will see how to use TikZ, `shapepar` and `textpos` while attempting to reproduce part of the cover of an old issue of *La Settimana Enigmistica*.

MASSIMILIANO DOMINICI, Una panoramica su Pandoc [An overview of Pandoc]; pp. 31–38

This paper is an overview of Pandoc, a utility for the conversion of Markdown-formatted text in many output formats, including L<sup>A</sup>T<sub>E</sub>X and HTML.

CLAUDIO BECCARI, L<sup>A</sup>T<sub>E</sub>X e le lingue romanze alpine: il friulano [L<sup>A</sup>T<sub>E</sub>X and Alpine Romance languages: Friulan]; pp. 39–45

L<sup>A</sup>T<sub>E</sub>X is used to typeset in a variety of languages: at the time of writing, it can handle 74 different languages (plus many variants), some of them used by very few people, some by many millions. At the moment, there are no facilities for typesetting documents in the various more or less official Alpine Romance languages. This paper would be another step toward extending the L<sup>A</sup>T<sub>E</sub>X language capabilities to the various Romance languages that are used by large communities in the European Alps. In this second article on the subject we deal with Friulan, spoken, read, and written by almost 800,000 people in northeastern Italy and within other Friulian communities around the world.

CLAUDIO BECCARI, Le filigrane e le figure di sfondo [Watermarks and background figures]; pp. 46–58

Our T<sub>E</sub>X system has several packages available for inserting watermarks or background images. But each one of these packages has specific features that make it more suitable in certain applications rather than others. In this article the mechanism for inserting such “decorations” is thoroughly examined so as to fully understand how it works.

LUIGI SCARSO, LuaJIT<sub>L</sub>T<sub>E</sub>X; pp. 59–69  
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GIANLUCA PIGNALBERI, Editoriale [From the editor]; p. 3

CLAUDIO FIANDRINO, Drawing ER diagrams with TikZ; pp. 5–14

The paper will illustrate some techniques to represent Entity-Relationship (ER) diagrams with TikZ. In particular, it will focus on the standard internal library `er`, on the external package `TikZ-er2`, on the external tool `Graphviz` and on the object-oriented approach provided by the `er-oo` library.

CLAUDIO FIANDRINO, Sa-TikZ: A library to draw switching architectures; pp. 15–24

The article illustrates how it is possible to draw