
ConTEXt Group Journal 2018

The ConTEXt Group publishes proceedings of the annual ConTEXt meetings.

<http://articles.contextgarden.net>.

Dayplan; pp. 5–6

Schedule of talks.

TACO HOEKWATER, A use case for `\valign`;

pp. 7–18

The TEX primitive command `\halign` is the backbone of traditional macros for predominantly horizontal tabular material. Its companion primitive `\valign` can be used for predominantly vertical material, but column-based tabular material is rare so there is no built-in support for it in ConTEXt. Since I was required to typeset a table using vertical alignment, I wrote a small set of higher-level macros to allow use of `\valign` in a ConTEXt-friendly manner.

TACO HOEKWATER, Using TEX Lua for track plan graphics; pp. 19–33

TEX Lua, combined with some of the Lua library files from ConTEXt, can easily be used to do parsing of almost any file format. I plan on using that approach to generate graphics from my model railroad track plan that is itself designed in XtrackCAD. The LPEG library and some helpers are used to parse the file format and generate MetaPost source that will be converted into PNG images.

TACO HOEKWATER, `mtxrun` scripts; pp. 34–43

The `mtxrun` command allows the execution of separate scripts. Most of these are written by Hans Hagen, and he occasionally creates new ones. This article will go through the `mtxrun` options, the scripts in the distribution, and show you how to write your own scripts.

HANS HAGEN, From Lua 5.2 to 5.3; pp. 44–49

[Published in *TUGboat* 39:1.]

HANS HAGEN, Executing \TeX ; pp. 50–56

[Published in *TUGboat* 39:1.]

ALAN BRASLAU, Nodes; pp. 57–82

[Published in *TUGboat* 39:1.]

TACO HOEKWATER, Font installation example:

IBM Plex; pp. 83–94

Installing and using a new font family for use with Con \TeX t is not all that hard, but it can be a bit daunting for an inexperienced user. This article shows an example using the free font family IBM Plex.

WILLI EGGER, Unifraktur Maguntia; pp. 95–102

For those who grew up (partly) with books typeset with blackletter, this typesetting still has some attraction. There are quite a few blackletter fonts out there, however, not many are complete or offer the features required for this kind of typesetting. Unifraktur Maguntia is an example of a fairly complete blackletter font and it comes in OpenType format as a TTF font. Here I want to present some of the properties and possibilities of this font.

DORIS BEHRENDT, HENNING HRABAN RAMM,

Con \TeX t Meeting 2018; pp. 103–113

Abstracts without papers; pp. 114–115

CG SECRETARY, Minutes of members' meeting,

2018; pp. 116–120

Participant list of the 12th Con \TeX t meeting;

p. 121

[Received from Taco Hoekwater.]