

## Crazy-use of SCANCSV.LUA library

Out of curiosity I want to describe extremely silly use of my library SCANCSV.LUA. I thought that would be the compilation of a source text ConTeXt conducted simultaneously by several activities:

1. From the data contained in the CSV table `databaseofparticipants.csv` has been automatically generated source code invoices to LuaLaTeX compilation. Invoices are addressed to individuals listed in the CSV rows of the table.
2. Sources for all invoices was at the same time (during the compilation of this text by ConTeXt) compiled by LuaLaTeX. LuaLaTeX is creating of PDF files of invoices. ConTeXt namely during compilation (in the cycle) calls a function `\write18` that triggers LuaLaTeX compilation of individual source (Numbered according to the identifier specified in the CSV table).
3. All of PDF files with invoices were also during compilation of this text simultaneously sent by mail to the mail addressess obtained from a CSV table again. Sending mail is so that ConTeXt at compile time (in series) calls a function `\write18`, which triggers an external mail program that sends mail to all recipients. At the same time for each mail attached annex - PDF file with the invoice issued addressee of this mail.
4. To make matters worse, at the end of compilation in addition to all the created PDF files (invoices) attached to the resulting PDF file. The result is a PDF file generated during compilation of the source text with a certain number (by the content CSV table) PDF invoices attached.
5. Each of the recipients will receive an email with your invoice and during compilation to create a parallel combination of all the generated PDF file with all the invoices and together is creating report with times of dispatch and mailing list of recipients.

Long live to ConTeXt MKIV!  
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