NAME

exceltex − get data from Excel files into LaTeX

SYNOPSIS

exceltex [options] file[.tex]

DESCRIPTION

Exceltex is a LaTeX package combined with a helper program written in Perl. It provides a easy to use yet powerfull and flexible way to get data from Spreadsheets into LaTeX.

In difference to other existing solutions, exceltex does not seek for making the creation of tables in LaTeX easier, but to get data from Spreadsheets into LaTeX as easy as possible.

The excel fileformat acts as an interface between the spreadsheet application and exceltex beacause it is easily accessible via the Spreadsheet::ParseExcel Perl module and because most spreadsheet applications are able to read and write excel files.

OPTIONS

−h|−−help
: show this help

−v|−−version
: show program version and exit

−c|−−cleanup
: remove temporary files created by previous runs

−i|−−ignore−warnings
: exit with status zero, even on warnings

−o|−−euro−symbol=sym
: use sym as the euro currency symbol [EUR]. Best is to use \usepackage{eurosym} and set sym=\euro{}

−e|−−encoding=enc
: set encoding to enc. Currently supported encodings are: latin1, latin9, utf8 [latin1]

−−[no]reformat−sn
: (dont) reformat scientific numbers to A X 10^B notation

−−[no]comma
: (dont) use comma for decimal numbers

−−[no]format
: (dont) use formatting

−−[no]nocolor
: (dont) use colors

−p|−−plain
: shorthand for −−noformat −−nocolor −−noreformat−sn

Exceltex should work right out of the box in most cases without specifying any options.

LATEX COMMANDS

The exceltex LaTeX package provides two macros to include data from singe cells and cell ranges.

\inccell{foo.xls!results!B9}

: includes cell **B9** from sheet **results** in file **foo.xls**

\inctab{foo.xls!results!B2!C15}

includes the 14 rows between **B2** and **F15** from sheet **results** in file **foo.xls** in LaTeX' tabular format ('&' separated columns ended by '\\').

For both commands you may omit to specify the filename (foo.xls) if it has the same basename (foo) as the LaTeX file (foo.tex).

EXAMPLE

The following LaTeX code demonstrates the useage of exceltex.

```
\documentclass{article}
\usepackage{exceltex}
\begin{document}

input cell Sheet1!A1: \inccell{example.xls!Sheet1!A1}

and now a table:

\begin{tabular}{lll}
  \hline
  column 1 & colum 2 & colum 3 \\
  \hline
  \inctab{example.xls!Sheet1!A1!C5}
  \hline
\end{tabular}
\end{document}
```

Now, run latex, exceltex and latex again.

As said above, you may omit the filename in \inccell and \inctab if it has the same basename as the LaTeX file.

EXIT STATUS

Exceltex exits with status 0 on Success, status 1 if any warning occured and status 2 after Errors.

REQUIREMENTS

Exceltex depends on the perl module *Spreadsheet::ParseExcel* and the LaTeX Packages *ulem* and *color*.

Currently a Unix like operating system is required, cygwin on windows should work also.

PROBLEMS

* not all Excel files are supported, see Spreadsheet::ParseExcel documentation for details.

* all Characters which need macros in LaTeX are not supported (greek Symbols etc.)

* Don't use any LaTeX control characters (^,_,#,{,},!) in filenames or Sheet names.

FILES

.exceltexrc

You can set defaults for all options in global ($HOME/.exceltexrc) or project specific (.exceltexrc) configuration files. For example, just put the following two lines in $HOME/.exceltexrc to set the default encoding to utf8 and use the \euro{} macro (from the eurosym package) for the euro symbol:

```
encoding=utf8
```

euro-symbol=\euro{}

Settings from the config files will be overwritten by commandline switches.

IN THE WEB

The newest version and probably more information is available at: http://www.physik.uni-freiburg.de/~doerr/exceltex

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