ltxtable: longtable meets tabularx

David Carlisle

1995/12/11

Since `tabularx` was put on the archives in 1992 or so I have had a constant stream of email messages asking for a merged `tabularx`/`longtable` package.

Well here it is! (First draft, anyway.)

Rules of the game:

- Put the `longtable` environment using `tabularx` style X column specifiers in a file *file* on its own. (You can use the `filecontents` environment to include it back into the main document file, if you wish.)

- If you want to input the file at some point, using the X columns to force the table width to be *width* wide, go `\LTXtable{`*width*`}{`*file*`}`.

- `\multicolumn`: If you read the `tabularx` and `longtable` docs you will find that both packages have a lot of fun with this command. In order to keep my sanity, for this merger I disable `longtable`'s version of `\multicolumn`. This means that the column widths calculated are not always the same (not as good as) the widths that would be calculated by an equivalent `tabularx` environment. Perhaps one day I will do something about this. Perhaps.

A 300pt rule, just so can see the required width.

First a tabularx		
the	head	line
the	foot	line !!!
a	b	b
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx		c
a	b	b b b b b b b b b b b b b b b b b b b b b b b b b
a a	b b	c c
a a	b b	c c c c c c c c c c c c c c c c c c c c c c c c cc cc
a a aaaa	b b	c ccccc

Then a longtable		
the	head	line
a	b	b
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx		c
a	b	b b b b b b b b b b b b b b b b b b b b b b b b b
a a	b b	c c
the	foot	line

		line
the	head	
a a	b b	c c c c c c c c
		c c c c c c c c
		c c c c c c c c
		c c c c c cc cc
a a aaaa	b b	c ccccc
the	foot	line