

# 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
xx			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 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
a a aaaa	b b		c c c c c c c c

Then a longtable

the	head		line
a	b		b
xx			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 b
a a	b b		c c
the	foot		line

```
the head
a a b b

a a aaaa b b
the foot
```

```
line
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 c c c
c c c c c c c c
line
```