

Notes on cals package

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Abstract

This document extends the package documentation. The most content comes from answering the users' questions.

1 How to ask for help

Ask a question on `TeX-LATeX Stack Exchange` site (<http://tex.stackexchange.com/>) attaching the tag `cals` and then optionally send me an e-mail with the link to the question.

2 The most often error

If you tune the presentation of the tables, you use the commands with the symbol `@` in the name. This symbol should be allowed first using the command `\makeatletter`.

3 Documentation

The summary of commands is given in the file `cals.pdf`. The users guide is the paper “The cals package: Multipage tables with decorations” published in TUGboat 32:2, 2011.

4 Right-to-left support

The native RLT support is tested against `bidi` package. Any RTL-package with the commands `\if@RTL` and `\hboxR` should probably work.

Note that `cals` package should be loaded after `bidi`, otherwise `bidi` applies patches, that are not anymore good.

5 `\nobreak` between rows

Impossible. The workaround is to vertically straddle a cell over all the rows that should stay together.

6 Pagebreak inside a row

You shouldn't do it, any alternative is better. However, in simple cases and with luck you can get what desired: <http://tex.stackexchange.com/questions/204939/in-row-table-page-break>.

7 Development

The source code of `cals` and other T_EX tools can be found here: <http://github.com/olpa/tex/tree/master/cals>.

8 Straddled cells

The explanation how to create straddled cells is not clear. I hope that the following table helps.

In the table, there is a number of straddled forms, highlighted by grey background. Each virtual cell displays which commands and parameters should be given. The shortcut `\n` stays for `\nullcell` and `\s` for `\spancontent`.

	<code>\n{ltb}</code>	<code>\n{tb}</code>	<code>\n{tb}</code>	<code>\n{rtb}</code> <code>\s{...}</code>			<code>\n{lrt}</code>
							<code>\n{lr}</code>
	<code>\n{lrt}</code>			<code>\n{ltb}</code>	<code>\n{rtb}</code> <code>\s{...}</code>		<code>\n{lr}</code>
	<code>\n{lrb}</code> <code>\s{...}</code>						<code>\n{lrb}</code> <code>\s{...}</code>
	<code>\n{lt}</code>	<code>\n{rt}</code>		<code>\n{lt}</code>	<code>\n{t}</code>	<code>\n{t}</code>	<code>\n{rt}</code>
	<code>\n{lb}</code> <code>\s{...}</code>	<code>\n{rb}</code> <code>\s{...}</code>		<code>\n{lb}</code>	<code>\n{b}</code>	<code>\n{b}</code>	<code>\n{rb}</code> <code>\s{...}</code>
	<code>\n{lt}</code>	<code>\n{t}</code>	<code>\n{t}</code>	<code>\n{rt}</code>		<code>\n{lt}</code>	<code>\n{rt}</code>
	<code>\n{l}</code>	<code>\n{}</code>	<code>\n{}</code>	<code>\n{r}</code>		<code>\n{l}</code>	<code>\n{r}</code>
	<code>\n{l}</code>	<code>\n{}</code>	<code>\n{}</code>	<code>\n{r}</code>		<code>\n{l}</code>	<code>\n{r}</code>
	<code>\n{lb}</code>	<code>\n{b}</code>	<code>\n{b}</code>	<code>\n{rb}</code> <code>\s{...}</code>		<code>\n{lb}</code>	<code>\n{rb}</code> <code>\s{...}</code>