

Using tabularray In L^AT_EX

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1 Preparation

To use tabularray In L^AT_EX, load the module `Tabularray` in the document settings of your file.

2 usage

To insert a tabularray to go to `Insert` \triangleright `Custom Insets` \triangleright `Tblr`, then, insert a table inside the Tblr layout. To specify any inner specs, write them in the “inner” argument of the layout. To specify any outer specs, press `Alt+A 1` and write the outer specs in the “outer” argument of the layout.

2.1 example

Item 1
Item 2
Item 3

Table 1: Nice Table

2.2 More Complicated Example¹

Alpha	Beta	Gamma	Delta
Epsilon	Zeta		Theta
Iota			Mu
Nnu			Pi
Rho			Upsilon
Phi	Chi	Psi	Omega

Table 2: Nicer Table

2.3 Predefined Styles

If you would like to change the default appearance of all unnamed tabular-array, insert the **Set Tblr Inner** and **Set Tblr Outer** layouts via LyX’s style selection combobox and specify the inner spec and outer spec accordingly. For example, after the next line all unnamed tabular-array’s odd rows will have pink background as can be seen in Section 3.

If you want to use several tabulararrays with the same design (or somewhat similar), but dont want to change all tabular-arrays, you could declare a new tabular-array via `\NewTblrEnviron{<name>}` in ERT layout or in the preamble, then insert the **Set Tblr Inner** and **Set Tblr Outer** layout via LyX’s style selection combobox, press **Alt+A 1** and write the name of the tabulararray you would like to change. For example any tabular-array with the name “example” after the next line will have hlines as default.

To insert a named tabular-array, begin as usual, inside the layout press **Alt+A 3** and specify the name.

¹The design was stolen from the tabularray documentation.

Item 1
Item 2
Item 3

Table 3: example tabular-array default

3 Important Remarks

- In the current tabularray package the commands `\multirow` and `\mulricolumn` (which lyx uses internally) are obsolete, thus the module is loading `tabularray-2021.sty`, not `tabularray.sty`.
- Any `hlines` or `vlines` specification in the inner argument will add the lines on top of the lines appear in the LyX GUI and will not replace them, for example the following table will generate with two horizontal lines at the top of the table

Item 1
Item 2
Item 3

Table 4: Remark

- Any cell alignment specification in the inner argument will override the alignment

specification that was made in the GUI

- Tables outside the Tblr layout will not be produced via tabularray, thus you can still use “regular” tables. “Regular” tables won’t be affected by any global settings of tabularray.
- The module already use the key “expand” provided by the tabularray package. Since this key has only one value it won’t be possible to use this key with the module.