

Unicode Bidi Algorithm Implementation for OpTeX, L^AT_EX, and Plain

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The `unibidi-lua` LuTeX package is an implementation of the [Unicode Annex #9](#) for OpTeX, L^AT_EX and Plain LuaTeX formats. It allows to typeset bidirectional documents without the need of a special markup.

This package is still in early phase, and the interface might still change. The requirements are the LuaTeX engine, and the `luaotfload` font loader.

Currently there is only one macro, `\unibidilua`, which accepts a key-value pairs separated by a space. The macro accepts three keyword:

- **enable:** This key adds `unibidi-lua`'s process function to the `pre_shaping_filter` callback. It does not accept a value.
- **disable:** This key removes `unibidi-lua`'s process function from the `pre_shaping_filter` callback. It does not accept a value.
- **fences:** This key accepts a boolean value. It allows to disable or enable step N0 of the UAX9 algorithm.

To use the package, as with other packages, you can do `\load[unibidi-lua], \usepackage{unibidi-lua}` or `\input unibidi-lua` if you are using OpTeX, L^AT_EX or Plain respectively. The process function is added to the `pre_shaping_filter` when you load the package.