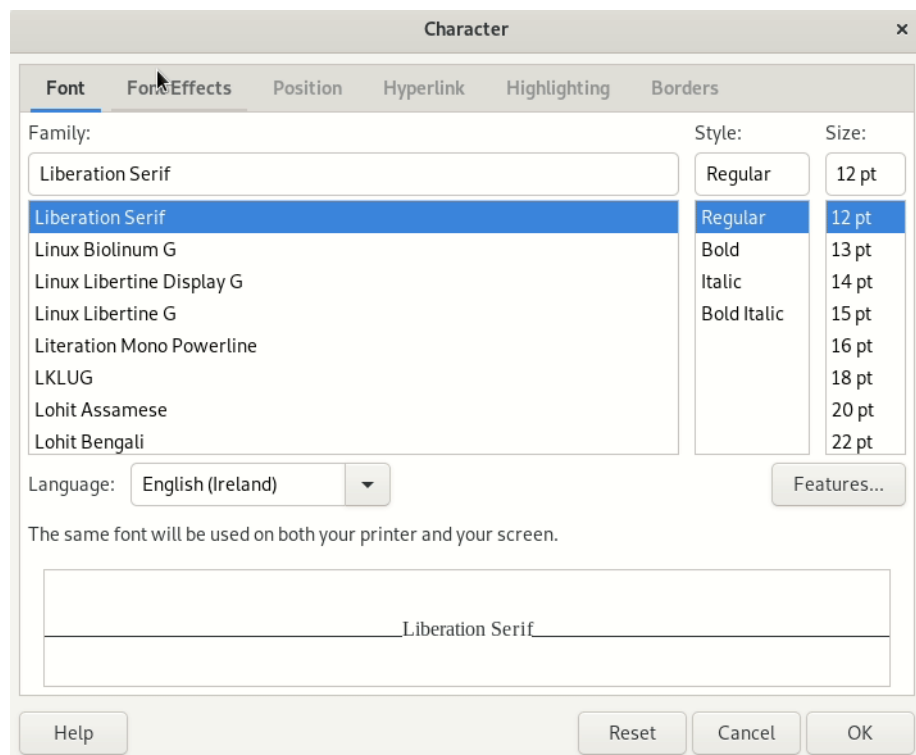


# Native GTK Dialogs in LibreOffice

By *Rianne Schestowitz*

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The LibreOffice UI was traditionally implemented with its own VCL toolkit which via theming emulated the host desktop toolkit.

Then we migrated the file format the dialogs were described in to the GtkBuilder file format. But still implemented with VCL widgetry, though with additional GTK-like layout widgets.

Then migrated the translation format to gettext .mo files, which added plural form translation support we had lacked.

Then incrementally migrated the code driving the dialogs to a new API with two implementations, one for VCL widgetry and one for GTK.

Over the last few major releases the GTK version of LibreOffice has increasingly had true GTK dialogs and less VCL dialogs and in master, as of this week, there are now no direct uses of the VCL dialog APIs.

[2]

[LibO](#)

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**Source URL:** <http://www.tuxmachines.org/node/129952>

**Links:**

[1] <http://www.tuxmachines.org/taxonomy/term/138>

[2] <http://caolanm.blogspot.com/2019/10/native-gtk-dialogs-in-libreoffice.html>