



# Extensions: Ugly Toupee or Hipster Hairdo?

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# Recently on IRC...

*<buovjaga> has there even been a version of "How many LibO devs does it take to change a light bulb?"?*

*<bubli> "None, they will sit in the darkness and curse UNO, because changing light bulb would be an incompatible API change"*

*<thorsten2> ABI even. since you can only get those newfangled LED lights these days.*

# Recently on IRC...

- To summarize:
  - Developers hate compatibility constraints
  - It is hard to tell whether a change is incompatible

# Meanwhile in Userland...

- tdf#105212:
  - *Example Writer document has a few lines and a button that launches sort()-macro. Works Before LO 5.2 beta1 ...*
  - *This bug started with the commit*

*<https://cgit.freedesktop.org/libreoffice/core/commit/?id=e16fa715c43dcdf836ce8c400b6d54eae87b627d>*

*committer    Stephan Bergmann <sbergman@redhat.com> 2016-05-03 19:26:06 (GMT)*

*"Handle wchar\_t as native C++11 type on windows"*

# Meanwhile in Userland...

- To summarize:
  - Extension authors and users hate incompatibilities
  - It is hard to tell whether a change is incompatible

# So



<https://s-media-cache-ak0.pinimg.com/564x/d0/4a/ad/d04aad28527dfb3767abf534cdd6013e.jpg>



[https://follow.kapsch.net/wp-content/uploads/2016/01/Meerschwein\\_La\\_India\\_Piaroa\\_-\\_Fotolia.com\\_01-1024x683.jpg](https://follow.kapsch.net/wp-content/uploads/2016/01/Meerschwein_La_India_Piaroa_-_Fotolia.com_01-1024x683.jpg)

# extensions.libreoffice.org



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308 projects matching your criteria.

## Clipart gallery of danger signs



Sep 07, 2015 in [Gallery Contents](#)

This extension adds 4 themes to your gallery with more than 400 cliparts dealing with security at work. Better than bitmap, cliparts are vector graphics in ODF format: there is no lost of clarity when magnifying. In Draw, you may modify them or retrieve some parts to build your own signs: right click on clipart > Enter group. Then change color, add or remove elements...



## Extensions

Extensions add new features to your LibreOffice or make the use of already existing ones easier. Currently there are 308 project(s) with 698 release(s) available.

[➔ Submit your Extensions](#)

## Most recent Extensions

[Enhanced "Paste" command for spreadsheet documents](#)  
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# Of those 308 extensions...

- 71 offer nothing to download?!?
- 6 are raw dictionary data files (.aff/.dat/.dic)
- 2 are documents (.ods/.ots)
- 1 is plain BASIC code (.bas)
- the remaining 298 are .oxt extensions (or .zip)



# Of those 228 extensions...

- 81 contain only data
  - dictionaries, gallery images, ...
- 81 are BASIC
- 28 are Python
- 22 are Java
- 5 are other scripting
  - mostly Python, again
- 4 are C++
  - (incl. two versions of mysql-connector)
- 7 remain unidentified



**THANK YOU**