CIB GROUP

LibreOffice extension development
Tools, Tips & Tricks of the Trade

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LibreOffice Eclipse Plugin

- Work done during several GSoC periods by Cedric Bosdonnat
  (with contributions by Dan Corneanu, Oliver Specht, and Ludovic Smadja)

- Fixed & improved to work with LibreOffice by Samuel Mehrbrodt:

- Grab it here:
  http://eclipse-plugins.libreoffice.org/
LibreOffice Eclipse Plugin: Selling points

- Wizard-based extension development
- Streamlined deployment & debugging experience:
  - Deploy on press of a button, optionally into separate userdir
  - Debugging deployed extensions from inside Eclipse IDE
LibreOffice Eclipse Plugin: Debugging
NOA-Libre: Nice Access to Office API

- high level functions for common stuff
- Done by IOon AG, originally: http://ubion.ion.ag/solutions/004niceofficeaccess
- LibreOffice version here: https://github.com/LibreOffice/noa-libre
NOA-Libre: Nice Access to Office API

- lightweight UNO wrapper API for many UNO interfaces
- access to underlying UNO interfaces from wrapper objects
- Now able to use in-tree Office jars, and build against maven
- Used in production for a large OSGI-Plugin based Rich-Client Java application
JEXO: Java Extension Helper

> Developed by Benjamin Sponring, now at BRZ

> Available here: http://sourceforge.net/projects/jexo/

> Same thrust as for NOA – simplify Office API usage
Further resources

- Cedric's LOEclipse Tips & Tricks: http://bosdonnat.fr/tag/ooeclipse.html
- Dmitri Popov tutorial: http://www.linuxjournal.com/article/9412
- LibreOffice extensions: https://wiki.documentfoundation.org/Development/Extension_Development

- OOo ecosystem links:
  - https://wiki.openoffice.org/wiki/Extensions_development
  - https://wiki.openoffice.org/wiki/JavaEclipseTuto

- Need for extension/api discussion list or forum?
Thanks for watching!

Q & A