



Linux 最流行的桌面

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2015.11



GNOME 是什么？

- 桌面环境
- 开发平台 (GTK+)
 - C/C++
 - Python
 - JavaScript
 - Vala

The screenshot displays a SuSE Linux desktop environment. On the left, a vertical sidebar contains icons for 'Home directory', 'http://www.suse.de', 'http://www.gnome.org', 'Floppy D', 'CD-ROM D', and 'Device D'. Below these is a menu with categories like 'Systemmenüs', 'Anwendungen', 'Spiele', 'Grafik', 'Internet', 'Multimedia', 'System', 'Settings', 'Werkzeuge', 'Dateimanager', 'GNOME Hilfe', 'Productivity', 'Programmstarter...', 'Benutzermenüs', 'Spiele', 'Emacs', 'Dateimanager', 'Panel', 'Bildschirm sperren', 'Über', 'Über GNOME..', and 'Abmelden'. The main desktop area features several windows: a file manager showing a directory tree with folders like 'Briefe', 'Buch', 'Export', 'FrankBuch', and 'ItalBuch'; a spreadsheet application with a table of data; a web browser displaying the 'SuSE Support-Datenbank' website; and a terminal window showing Emacs commands. The bottom of the screen has a taskbar with icons for the desktop, applications, and a help icon.



Computer



root's Home



Trash

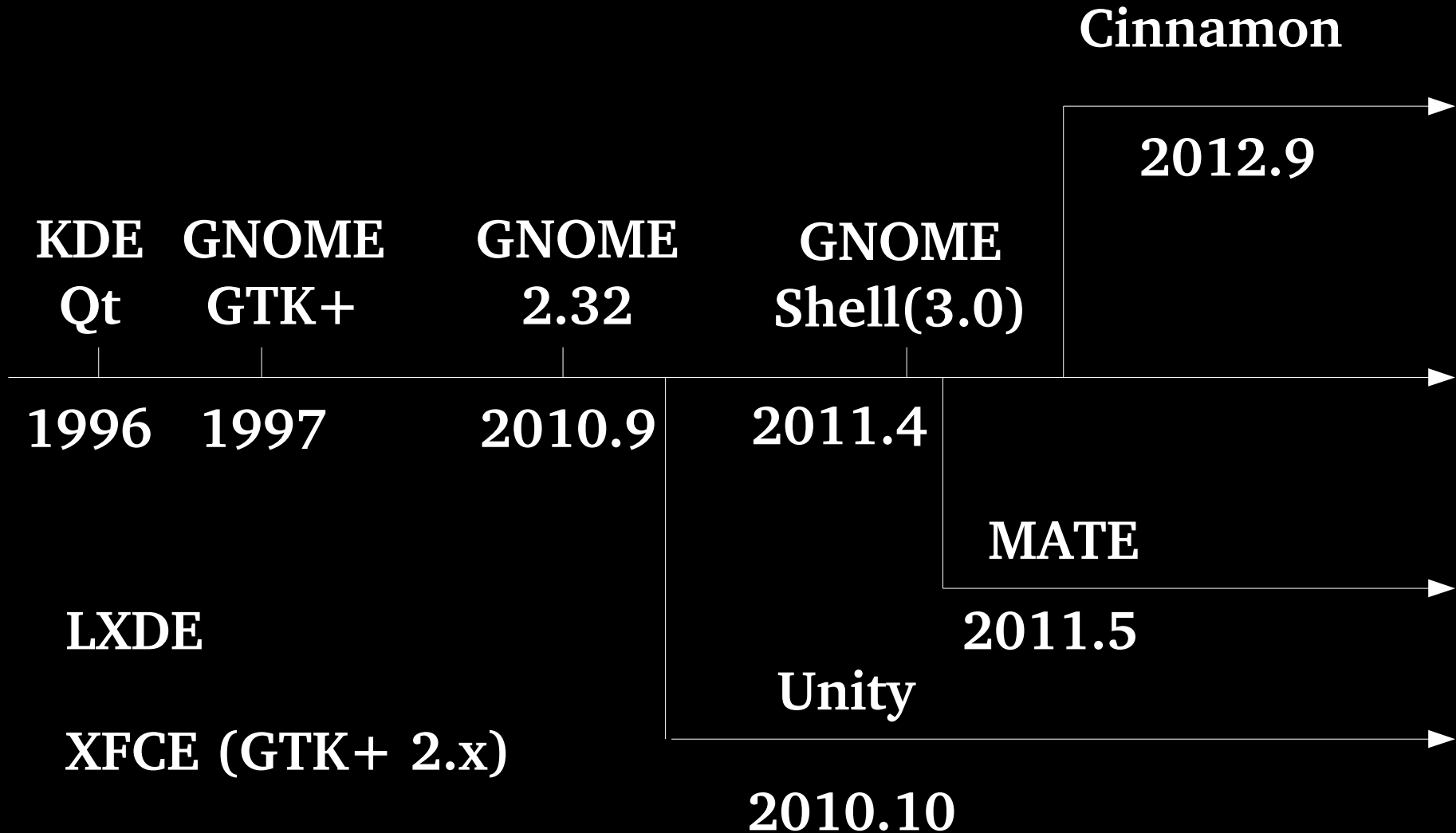


[Terminal]





History



GNOME

- 窗口管理器 (Mutter, Shell)
- 文件管理器 (Nautilus, Sushi)
- 硬件管理 (Bluetooth, Network, Disk, Power)
- 图形工具集 (Gtk+, Clutter, St)
- 存储与索引 (Tracker)
- 媒体框架 (Gstreamer, pulseaudio)
- 进程间通信 IPC (D-Bus, Gsettings)

GNOME

- 翻译 (damned lies, gtranslator)
- 效率管理 (Calendar, Notes, Tasks, Todo)
- 浏览器 (Epiphany)
- 安全 (PolicyKit, seahorse, sandboxing)
- 通信 (empathy)
- 系统设置 (Control Center)
- 设计准则和标准 (Hig, wmspec, icons, thumbnails)

开发工具

- terminal
- gedit
- anjuta
- Builder
- meld
- ghex
- gitg
- devhelp
- yelp
- gtk-doc
-
- nemiver
- gnome-boxes
- d-feet
- looking glass
-

GNOME 3 扩展机制

- 定制 GNOME Shell
- 优势
 - 不用更改源代码
 - 不用重新编译
 - 容易使用，语法简单
 - 自我保护，调试方便

常用扩展

<https://extensions.gnome.org>

- Windows Alt Tab
- Applications Menu
- Frippery Move Clock
- Dash to Dock

如何创建一个扩展？

一分钟搞定！！

真的？

- `gnome-shell-extension-tool --create-extension`
- `Alt + F2 → r`
- `~/.local/share/gnome-shell/extensions/`

GNOME 3.18

- Google Drive 集成
- 文件管理器的改进
- 固件更新
- 自动屏幕亮度
- 新的日历 (Calendar)

小结

- GNOME
- 扩展机制
- 开源

Become a friend of GNOME!

它会为你开启体验开源世界的大门

Thank you!

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参考链接与图片链接

- <https://live.gnome.org/GnomeShell/Extensions>
- [gnome-shell-extension-mutt](#) in [github.com](#)
- <https://extensions.gnome.org>
- http://shaohy.17geek.us/lib/exe/fetch.php?media=blog:geminis:firefox_wallpaper.png