Did you know?

KDE development

how it was done in the last century

02-sep-2016 | Berlin | Akademy

Be Free. KDE

About me

David Faure, KDE dinosaur

I used to look like this…

And "KDE 1" looked like this….

Be Free. KDE

Did you know? The K.

- "Kool Desktop Environment" (Matthias Ettrich)
- K Desktop Environment
- Kalle Dalheimer Environment

- What about the Q in Qt?

Be Free. KDE

Did you know? Qt

- Qt just for some GUI bits

- Temporary decision, we can always switch

    ...

Be Free. KDE

The first apps

- A window manager, kwm

- A panel, kpanel

- The first library classes
  - KConfig
  - KApplication, to instanciate KConfig

Be Free. KDE

The first library classes

- KConfig

- KApplication, to instanciate KConfig

- Later on: KIconLoader

KIconLoader Class Reference

[kdecore Index] [kdecore Hierarchy] [Headers]

KIconLoader is a derived class from QObject More...

`#include <`kiconloader.h`>`

Inherits: QObject (qt)

Public Members

- **KIconLoader** (KConfig *conf, const QString &app_name, const QString &var_name)
- **KIconLoader** ()
- **~KIconLoader** ()
- QPixmap **loadIcon** (const QString &name, int w = 0, int h = 0)
- QPixmap **loadMiniIcon** (const QString &name , int w = 0, int h = 0)
- QPixmap **loadApplicationIcon** (const QString &name, int w = 0, int h = 0)
- QPixmap **loadApplicationMiniIcon** (const QString &name, int w = 0, int h = 0)
- bool **insertDirectory** (int index, const QString &dir_name)
- QStrList* **getDirList** ()

Be Free. KDE

API docs

API docs from May 1998, still online!

http://document.ihg.uni-duisburg.de/Documentation/KDE/srcdoc

- Later replaced with developer.kde.org, hosted by Richard Moore's university.
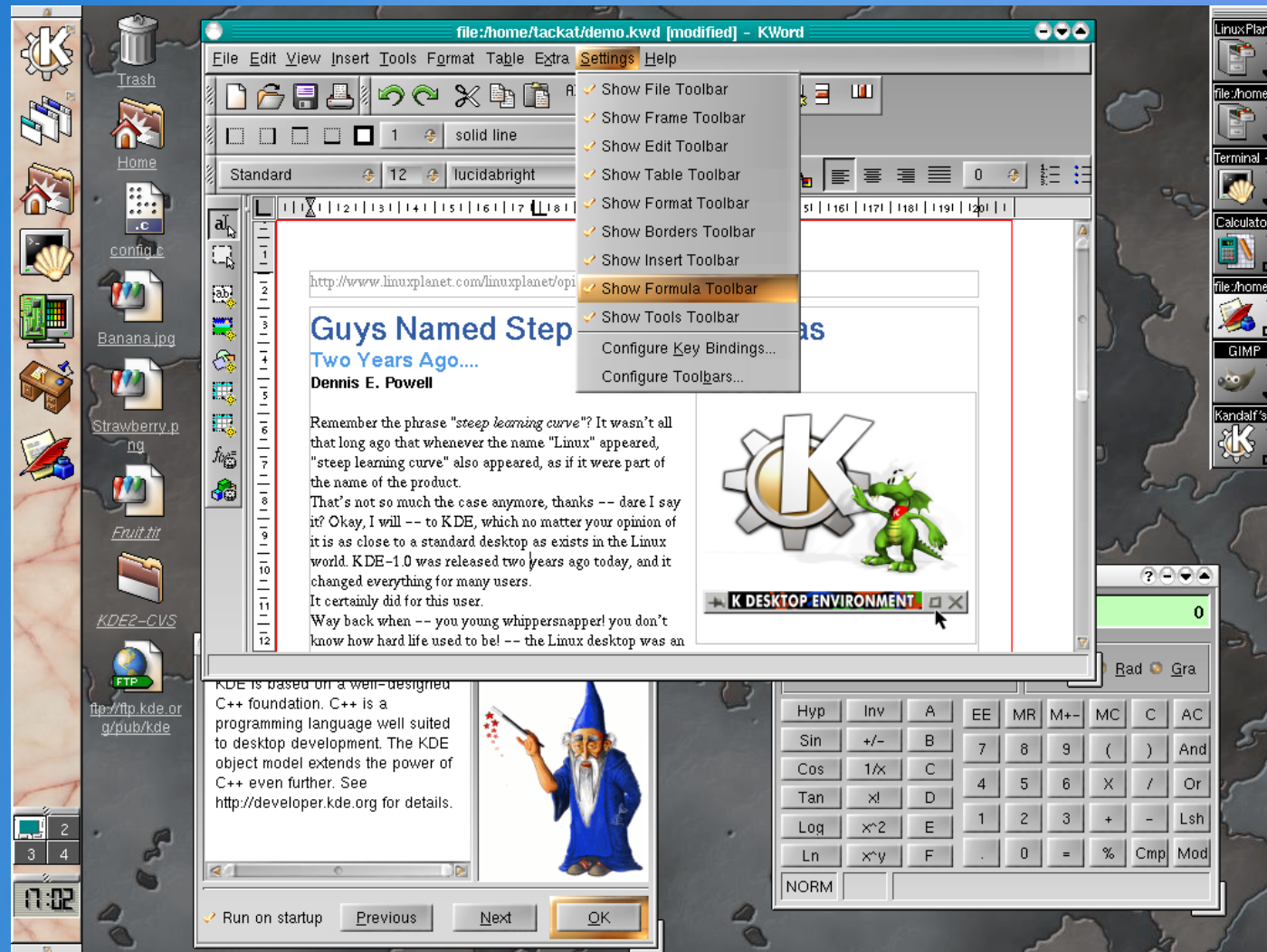

Be Free. KDE

My hero, Torben Weis

- File manager (kfm) → konqueror, kio, desktop icons
- Office suite (KOffice)
- Excellent architect
- Very fast coder, surely he had clones
- "Torben broke the cloning machine"
- `kioclient5`

Be Free. KDE

Colorful

And yet people said we copied from Windows…

Be Free. KDE

Before git

- What did we use before git?

    Subversion (SVN)

- And before that?

    CVS

- And before that… just an FTP server where people would upload their sources!

CVS

- `cvs diff file.cpp` requires being connected!

- Want to rename a file? Ask coolo! (or me)

- You can check out each file from a different branch
  - because... you can

- Typical branch name for redesigning something:
  make_it_cool   (cool, again?)

- cvs.kde.org moves to SourceForge in 2000

Be Free. KDE

CORBA

- Which version of the KDE desktop used CORBA?

- Codename Krash

- Out-of-process component embedding

- Duplicating all of the menu/toolbar API

- Origin of the service-type Trader

Be Free. KDE

DCOP

- "DCOP was invented at Akademy" – not exactly

- Before Akademy we had "developer meetings"

- Matthias Ettrich and Preston Brown:

    "We can write a CORBA replacement in one night"

    → DCOP

- Second version, years later: D-Bus

Canossa

- In January 1077 the Holy Roman emperor Henry IV did penance at the castle in Canossa to obtain a pardon from his excommunication by Pope Gregory VII.

- Torben called his new in-process component embedding technology Canossa

  → KParts

Be Free. KDE

Trysil

- Ski station in Norway

- Two KDE developer meetings

- First one just after CORBA→DCOP

- noon – 4am

- Mosquitos!

Be Free. KDE

Trysil 2

(2006, before KDE 4.0)

Coolo went a bit crazy with the Euro football championship

I didn't run fast enough

Be Free. KDE

Trysil 2
(2006, before KDE 4.0)

George Staikos, sleeping during compilation

Be Free. KDE

Trysil 2
(2006, before KDE 4.0)

Aaron Seigo, sleeping in interesting ways

Be Free. KDE

Trysil 2
(2006, before KDE 4.0)

Celeste, sleeping

Others, having fun

Be Free. KDE

Conclusion

History and culture of our community

Creativity and enthusiasm of early contributors still an inspiration today

Be Free. KDE