KDE 4 - flyby

Where are we and where are we going

Fosdem 2007
Jos Poortvliet
The Disclaimer ®

Anything we talk about is subject to change before the 4.0 release. 
No animals were harmed in the making of this presentation. 
Any resemblance to anyone living is completely intentional.
KDE 10 year

KDE 3.5.x

- Building blocks
- Desktop environment
- Applications

Status:
- stable
- usable
- flexible
- complete
Shortcomings

- Multimedia
- Text Engine
- Performance
- Usability

Zoals in dit stukje te zien zal zijn, dansen de letters in KOffice nog flink. ook de afstand tussen de letters klopt niet altijd even goed.
KDE 4

- Qt3 -> Qt4
- Refactoring
- New building blocks (pillars)

The KDE 4 Foundation Stack

- Workspace
  - X11-dependent
  - KWin, Plasma, Screensavers

- Base-Apps
  - "On the Desktop"
  - Basic Applications

- Libs-Framework
  - Core, UI, KParts, FileDialog
  -KHTML, IO-Slaves, KConfigXT

- Libs-Components
  - self-contained classes/wizards (Core, UI), Unit tests

- Qt 4 Library
  - QtCore, QtGui, QXml, ...
Qt 4

Improvements:

- Performance
- functionality:
  - Real time effects
  - multi-threading
  - Model-View separation
- GPL on more platforms
Amarok Weekly News Issue 5 Released

Posted by Ljubomir on Wednesday 17/Jan/2007, @16:40
from the rocking-hard dept.

The next issue of the weekly Amarok newsletter is out. This issue covers the fine tuning of the scoring algorithm, new fadeout options, configurable playlist color, as well as new handy tool for editing filters. Traditionally, with tips included.

Read More...

People Behind KDE: Daniel Molkentin

Posted by Danny Allen on Wednesday 17/Jan/2007, @15:24
from the fighting-midges-with-bullets dept.

For the next interview in the fortnightly People Behind KDE series we meet a developer who has unfinished business with midges, someone who prefers bullets to stars -- tonight's star of People Behind KDE is Daniel Molkentin.

Read More...

(2 comments)

Nepomuk-KDE Workshop in Paris

Posted by Moreale Jean Roc on Tuesday 16/Jan/2007, @09:49
from the that's-a-Worddept.

Nepomuk is the social semantic desktop project which is planned to be integrated into KDE 4. The work is being done by Mandriva programmer Sebastian Trugl (of K Dropper fame). The workshop is by Stephane Launiere. As the move to KDE is planned, there will be a couple of project meetings in Paris to clarify the aims of the project and its technical aspects. The first one will be held in the Linux Meeting on the 31st January. The second will be happening during the Mandriva mailing list meeting on the 2nd February. Sebastian's announcement.

Read More...

(12 comments)
Kstars

Benefits of anti-aliasing
Pillars of KDE 4

Phonon

- Basic multimedia
- for 90% of the usecases
- (Cross)fading, basic effects...
Sound System Configuration

Device Preference: Backend

- GStreamer
- Xine
- Fake

Debugging option:
- Show OSS devices
- View a graphical representation of the Phonon GStreamer Pipeline

GStreamer Backend
http://multimedia.kde.org/
0.2
Pillars of KDE 4

Solid

- Hardware awareness
- Cross-platform
Pillars of KDE 4

Threadweaver

- Easy multi-threading
- More responsiveness and better performance

Kross

- Layer between apps and languages
- Python, Ruby, Java(script), ...
- D-bus
Pillars of KDE 4

Akonadi
- PIM storage & management
- Widgets; client-server architecture

Decibel
- VOIP, chat, coöperation
- Tapioca/Telepathy
**Khalkhi** will make it easy to add information from Akonadi to applications – here showing presence and mail in addressbook.

**Sonnet** shows off language detection.
Pillars of KDE 4

Strigi & Nepomuk

- Full-text indexing
- Database functionaliteit
- Contextual linking, labels...
New & improved desktop

- Plasma – basic.
- The new desktop experience
- Beauty and usability
- Extensibility

*Build your own desktop!*
Dolphin

- Experiment into file management
- New concepts for ease of use and efficiency
New look for KDE 4
SVG beauty en usability
New presentation techniques
Allows the manipulation of widget behavior and changing the Style for KDE

**Widget Style**

- **Style**: Oxygen
- **Description**: A really cool style
- **Show icons on buttons**: Off
- **Enable tooltips**: Off

**Preview**

- **Tab 1**: 
  - **Button Group**: Radio button
    - Value: 0
  - **Checkbox**: Off
  - **ComboBox**
KDE Games

- Mostly ported and running
- Scalable Vector Graphics are cool
- New features like AI, network play
Kmahjongg

SVG can do more!!!
Education

- OpenGL
- New applications
Valgrind Documentation

Release 3.2.0 7 June 2006
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Note

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All the other annotations you can see on the page like the image of the two keys you can see nicely blended, the line drawings and the inplace texts also have the possibility of adding this kind of note.
Koffice 2

- Rewritten basic framework
- Integration, flexibility
- Build around Flakes
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This shape has some text and it has been scaled so small that not all text is showing. KWord now shows a visual indicator of this so you don’t miss that fact.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.
Kwrite/Kate

- Improvements all over KDE
The End

Questions

Thank you!