KDE Device spectrum: Plasma Netbook

Marco Martin
Why for netbooks?
Why KDE SC?
Why KDE SC?

- Configurability
- Rich api
- Solid system to build upon
- Us
Why Plasma?
Why Plasma?

- Primary UI
  - Flexible, no assumptions we are in a desktop
  - In some cases secondary UI too
  - Start from netbook, first logical step, less alien
- Alessandro will talk about something even more challenging
What do you want?

- Users
- vs
- Developers

- Unix Foundation
- New Intel Nehalem Processors
- Less Crash
- Great Media Editing
- Less Viruses
- OMG SHINY!!!1!
Users

- Something useful: content content content
Users

- Something pretty
Developers

- Powerful API
Common components

- Separation between data and visualization
- Plasma::Dataengine
- Runners
- They can be used on each shell, regardless of the visualization
- Plugins, loaded on demand
- Easy to mash-up
Common components

- Visual theme engine based on SVG
- Widget set
  - Based on QGraphicsView
  - Reusable
  - Simple API
  - Touchscreen friendly widgets like “flickable” scroll widgets
Common components

- Plasmoids are designed to work at least:
  - Desktop
  - Panel
  - Netbook newspaper pages
  - Standalone windows (from 4.5)
  - Fullscreen on mobile devices (some of them)
Netbook: window management

- The desktop is an “application”
- No border maximized windows
- Present windows is the taskbar
- Some other different default settings
Netbook: Search and launch
Netbook: Search and launch

- Search more intuitive than browsing categories
- Reuses runners
- Simple menu, no trees
- Use of flicking and drag and drop
Netbook: newspaper

**2 RSS feeds fetched**
- 12:32 KOffice 2010 Summer Sprint Report
- 10:37 Morten Srvig: Qt for Google Native Client Preview
- 05:00 Michael Pyne (mpyne): Another transition for kdesvn-build
- 03:45 Sven Langkamp (slangkamp): We need more bug reports
- 03:24 Thomas Thym (ungethm): Akademy is approaching
- 01:56 Dominik Haumann: A Flashback of Kate in Gitorious
- 00:03 Jos van den Oever (vandenoever): OdfKit Hack Week day 2

**Thu Jun 24 2010**
- 21:32 Michael Jansen: Build-Tool 0.3 Release
- 19:07 Frank Karlitschek (karli): ownCloud 1.0 is here
- 19:01 Danny Kukawka: Hacking osc (2)
- 16:01 Davide Bettio (WindowsUninstall): KDE SC 4.5 Wallpapers

**Weather Forecast**
- **Turin International, Italy**
  - 20°C
  - H: 25°C L: 17°C
  - 3 Days
  - Fri: 25°C  Sat: 25°C  Sun: 25°C
  - 17°C  18°C  19°C

Supported by backstage.bbc.co.uk / Data from UK MET Office
Netbook: newspaper

- Flicking here too
- Primary place for widgets
- Biggest use case: PIM and webservice client

widgets here
Future

- Polishing
- More widgets, especially PIM related
- Caching for dataengines
- Different devices: what components can be reused on netbooks with touchscreen, tablets or smaller mobile devices?
- Beyond workspaces: application dashboards for Kontact, Skrooge and Kdevelop