A new activity based mobile user interface with Plasma and Nepomuk
Marco Martin, Fania Jöck
Mon, 10:20 - 10:50
Audimax

Plasma Active
Conquering the Device Spectrum
Sebastian Kügler
Sun, 09:40 - 10:10
Kinosaal

Activities
the helpful Big Brother
Ivan Čukić
Mon, 14:00 - 14:30
Audimax

Compositing after X
KWin on the Road to Wayland
Martin Gräßlin
Sat, 14:00 - 14:30
Rm2002
AND NOW...

NO 1: THE LARCH
This man is no ordinary man.
This is Mr F. G. Superman.
To all appearances, he looks like any other law-abiding citizen.
But Mr F. G. Superman has a secret identity...

Hey, there's a bicycle broken! Up the road!

Hmh... this sounds like a job for...
WHEN TROUBLE STRIKES AT ANY TIME...
AT ANY PLACE... HE IS READY TO BECOME...
THE BICYCLE REPAIR MAN!!!
AND NOW...

NO 1: THE LARCH

THIS MAN IS NO ORDINARY MAN. THIS IS MR. F. G. SUPERMAN.

TO ALL APPEARANCES, HE LOOKS LIKE ANY OTHER LAW-ABIDING CITIZEN.

BUT MR. F. G. SUPERMAN HAS A SECRET IDENTITY...

HEH, THERE'S A BICYCLE BROKEN UP THE ROAD!

HMM... THIS SOUNDS LIKE A JOE FOR...

WHEN TROUBLE STRIKES AT ANY TIME...

AT ANY PLACE... HE IS READY TO BECOME...

THE BICYCLE REPAIR MAN!!!
And now...

No 1: The Larch

This man is no ordinary man. This is Mr. F. G. Superman.

To all appearances, he looks like any other law-abiding citizen.

But Mr. F. G. Superman has a secret identity...

Switch activity

Drawing

Desktop Summit Presentation
Activities
the helpful Big Brother

Ivan Čukić
ivan.cukic@kde.org

Desktop Summit, 8. August 2011.
Activities
- Introduction
- Evolution
- Baby steps

Contour
- The bad
- Big Brother
- Side-effects

Technical
- Services
- operator <<
- operator >>
Mr F. G. Superman

Superman activity

- Infra-red vision
- Strength
- Flight
- etc.

Bicycle repairman activity

- Wrench
- Screwdriver
- Spanner
- Tire pump
Mr F. G. Superman

Superman activity

- Infra-red vision
- Strength
- Flight
- etc.

Bicycle repairman activity

- Wrench
- Screwdriver
- Spanner
- Tire pump
Activities

- Job
- University
- Leisure
- Planning
- Other life things
Activities

- Job
- University
- Leisure
- Planning
- Other life things
Activities

- Job
- University
- Leisure
- Planning
- Other life things
Activities

- Job
- University
- Leisure
- Planning
- Other life things
Activities

- Job
- University
- Leisure
- Planning
- Other life things
Desktop widgets
Windows

Activities — Evolution
Baby steps

- Application-centric
- Document-centric
- Not only the workspace
Baby steps

- Application-centric
- Document-centric
- Not only the workspace
Baby steps

- Application-centric
- Document-centric
- Not only the workspace
1 Activities
- Introduction
- Evolution
- Baby steps

2 Contour
- The bad
- Big Brother
- Side-effects

3 Technical
- Services
- operator <<
- operator >>
Recent documents

- Mainly useless
- Not project related
- Prone to ... indiscretions
Mainly useless
Not project related
Prone to ... indiscretions
Recent documents

- Mainly useless
- Not project related
- Prone to ... indiscretions
Favourites

- Places
- Bookmarks
- Favourite applications
- ...

Activities | Contour — The bad
The thought police would get him just the same. He had committed – would have committed, even if he had never set pen to paper – the essential crime that contained all others in itself. Thoughtcrime, they called it.

– Eric A. Blair
User actions

://
Statistics

- Important documents
- Related documents
- No noise
Statistics

- Important documents
- Related documents
- No noise
Statistics

- Important documents
- Related documents
- No noise
It is only semantics

- Contacts
- Webpages
- Anything with an URI
Focus on documents

- Document bar
- Document browser
- Application as a 2nd class citizen
- Share
- Like
- Connect
Activities
- Introduction
- Evolution
- Baby steps

Contour
- The bad
- Big Brother
- Side-effects

Technical
- Services
- operator <<
- operator >>
Services

- Activity Manager (KAMD)
- Nepomuk
- Zeitgeist
Events

Types:
- Accessed
- Opened, Closed, Modified
- Got focus, lost focus
Events

Parameters:

- Application
- Window ID
- Event type
Using collected data

- Highest scored resources
- Related resources
- Access by time
Kudos and questions

Thank you for listening!

And kudos to:

- KDE, Nepomuk and Zeitgeist people for everything
- basysKom for its sponsorship of the Contour project
- Krita and Inkscape developers for the brilliant apps
- LaTeX and Beamer developers for the obvious reasons
- Monty Python for variable-names inspiration