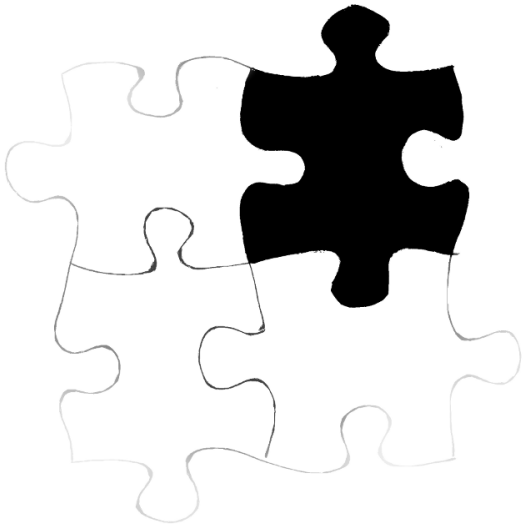
A new activity based mobile user interface with Plasma and Nepomuk

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

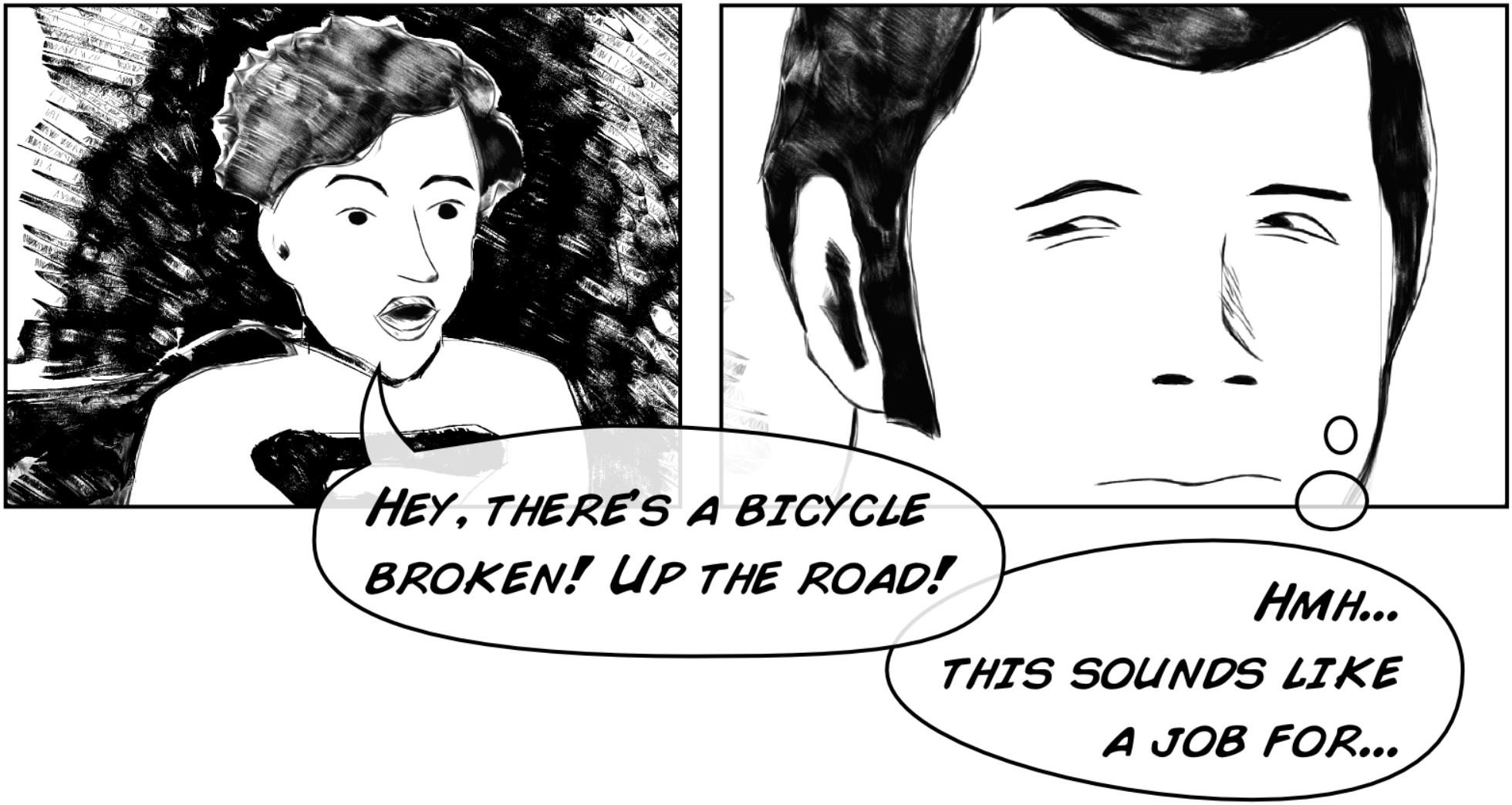
AND NOW...

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...



WHEN TROUBLE STRIKES AT ANY TIME...
AT ANY PLACE... HE IS READY TO BECOME...

THE BICYCLE REPAIR MAN!!!

AND NOW...

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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...

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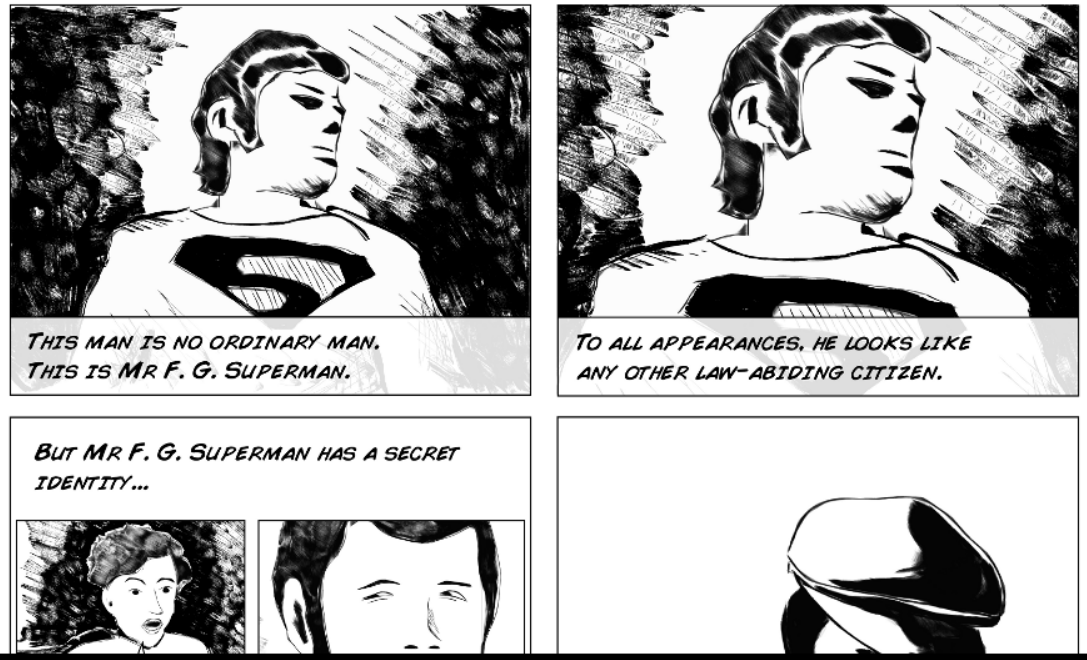
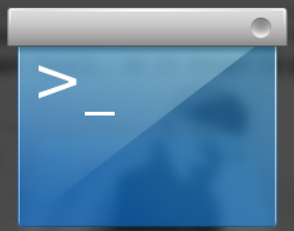


Switch activity

Drawing



DesktopSummit Presentation

Activities

the helpful Big Brother

Ivan Čukić
ivan.cukic@kde.org

Desktop Summit, 8. August 2011.

1 Activities
- Introduction
- Evolution
- Baby steps

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

3 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

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Activities

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

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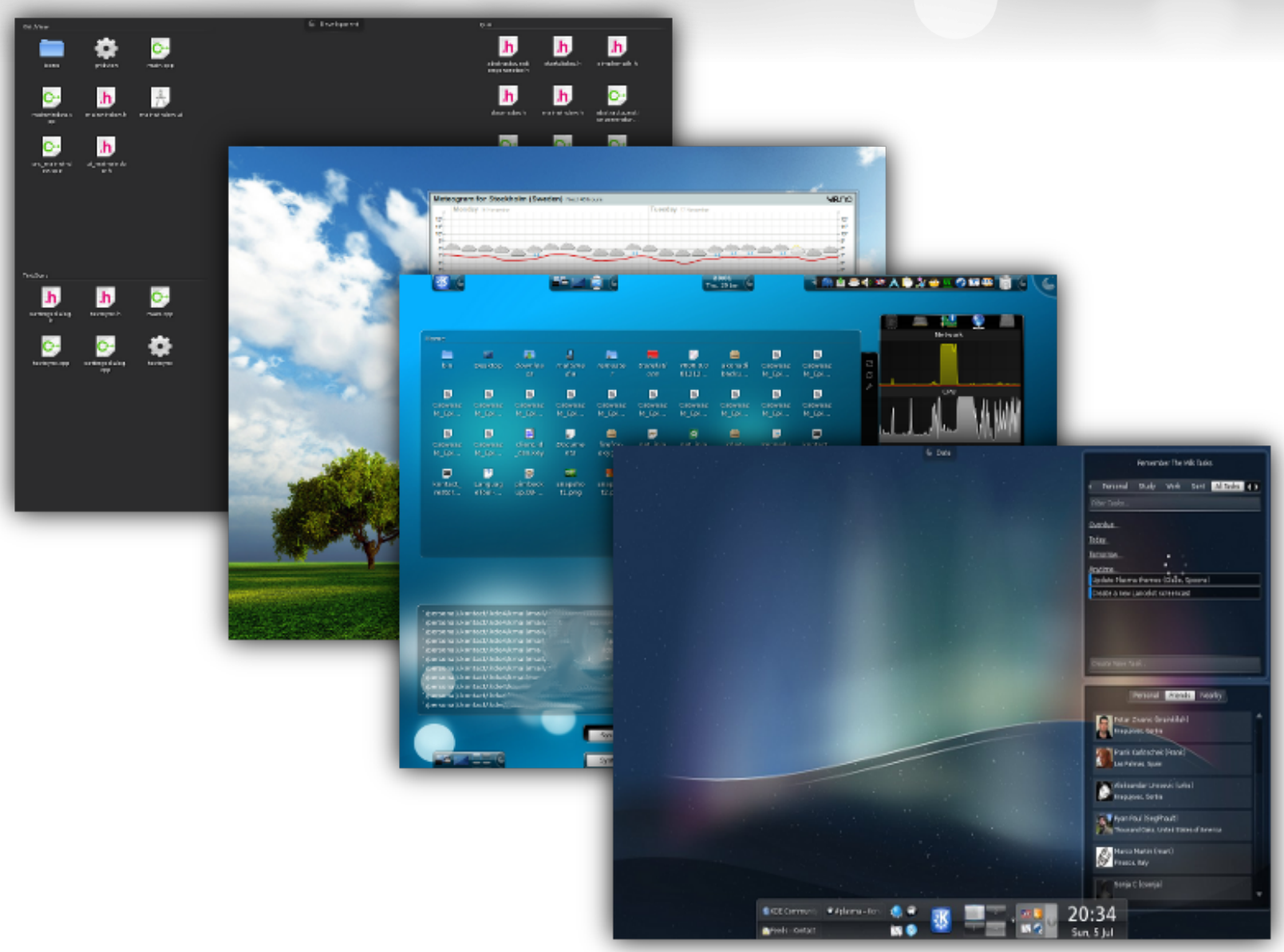
Desktop widgets



Windows

Marble Virtual Globe
File Edit View Bookmarks Settings Help
Navigation
Legend
Guides
Coordinate Grid
Hillshading
Transportation
Areas
Forest
Map View
Routing
Position: not available
Altitude:
KDE.NEWS

Baby steps

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

Baby steps

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

Baby steps

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- Document-centric
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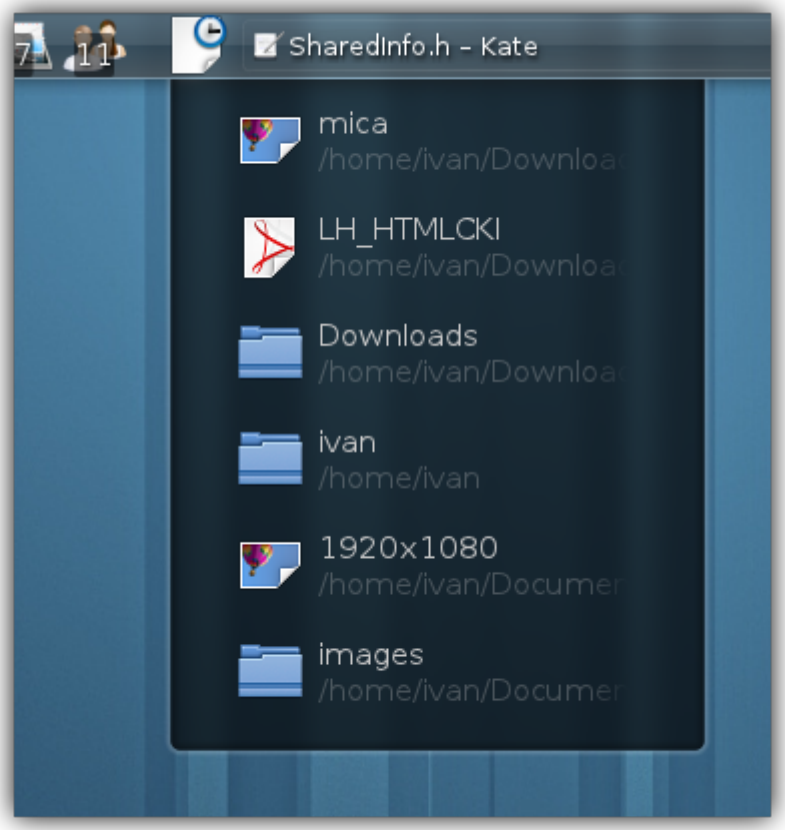
Recent documents

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



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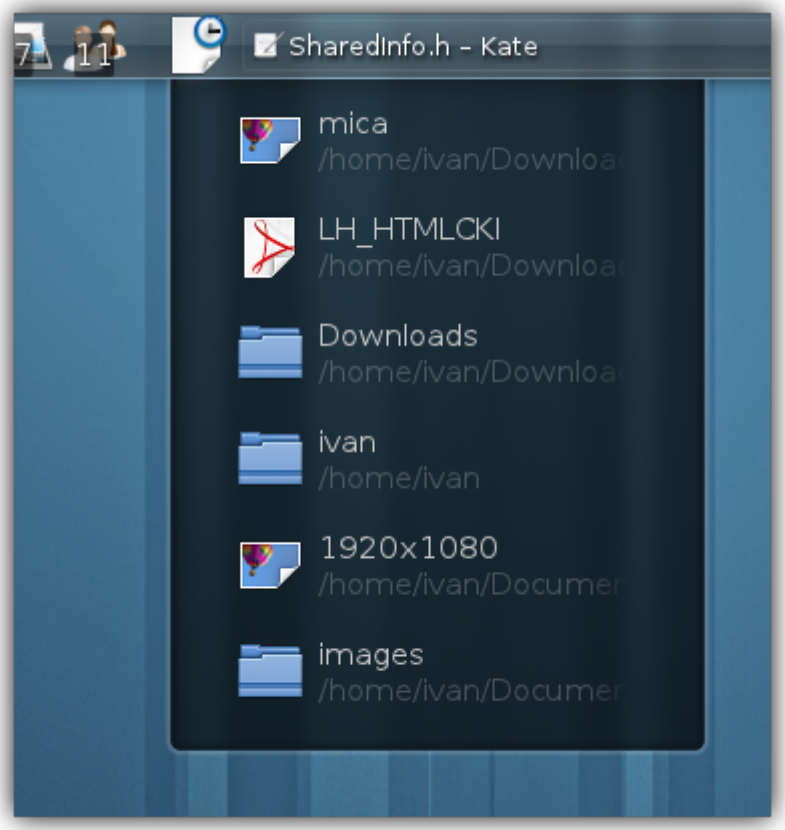

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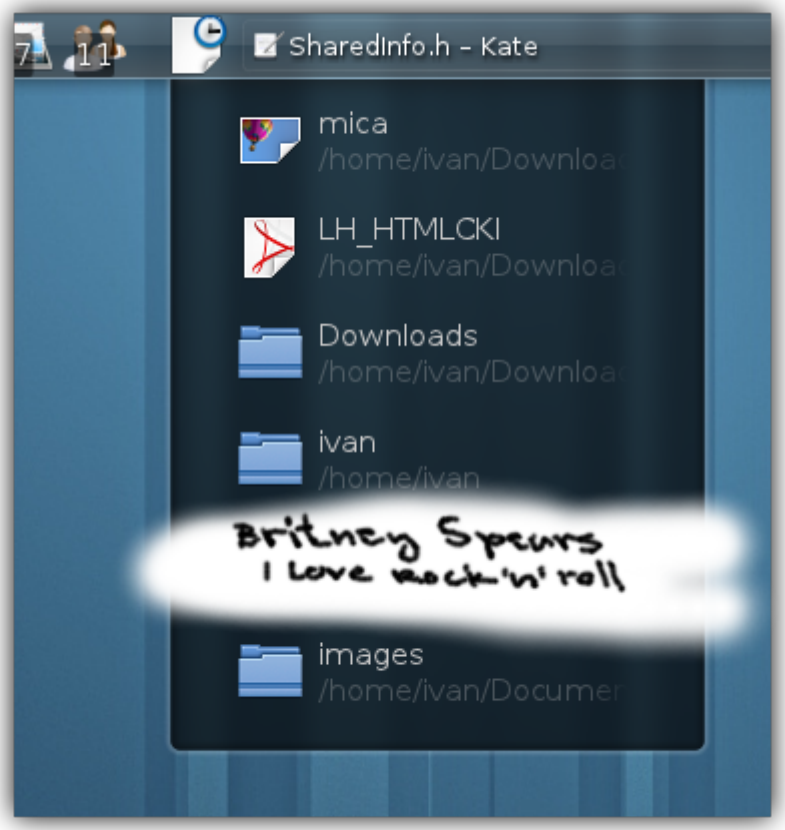


Favourites

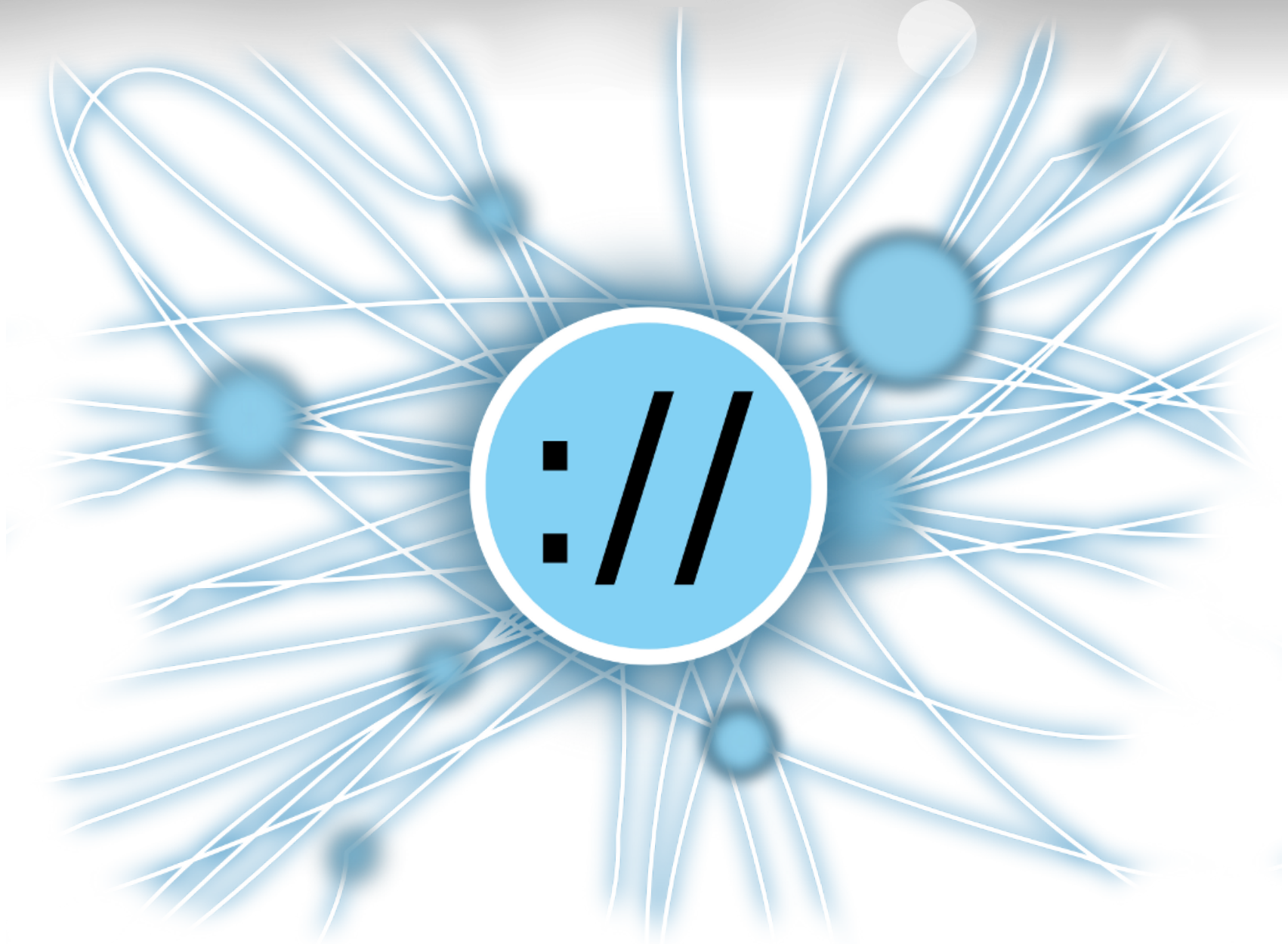
- Places
- Bookmarks
- Favourite applications
- ...

1984

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

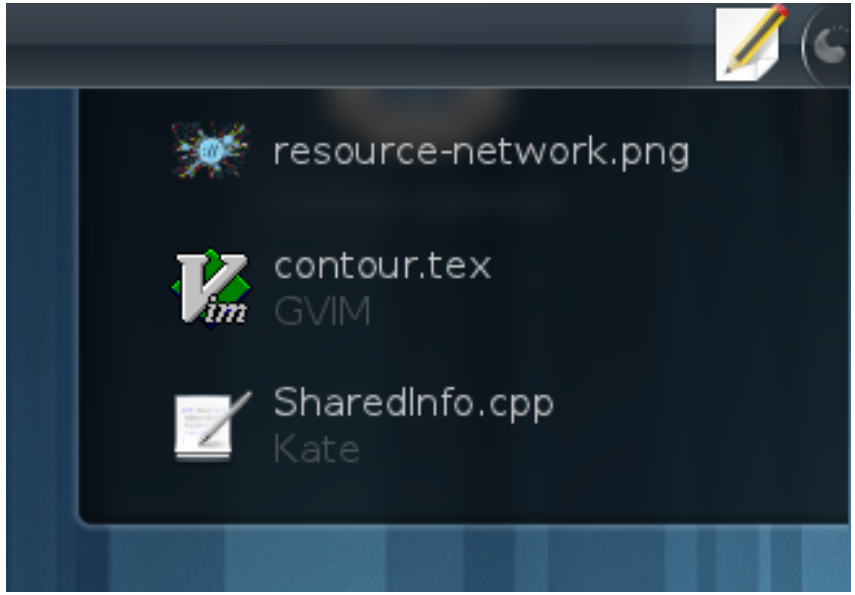
- Important documents
- Related documents
- No noise

It is only semantics

- Contacts
- Webpages
- Anything with an URI

Focus on documents

- Document bar
- Document browser
- Application as a 2nd class citizen



S-L-C

- Share
- Like
- Connect

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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