

Zeitgeist Technologies

Zeitgeist Technologies

- Deployment
- Zeitgeist Framework
- ???geist Framework
- Q&A

Zeitgeist Technologies

Deployment
Thorsten Prante

Zeitgeist Technologies

- **Deployment**
 - Docky
 - Activity Journal
 - El Loco
 - AWN
 - Unity
 - Nautilus – Elementary
 - ...

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Personal Information Access

Time - When did I do it? - What else did I do then?	Activity Journal
Intensity • - What did i do/use most?	Docky (getMostUsed)
Location - Where did I do it?	El Loco
Content - What did I write?	FTS Tracker
Coherence - What did I use together?	getRelatedURIs
With whom did I work?	???geist

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Resuming an Activity I/II

Orienting is remembering

What to do next? What to continue?

Determining *connection points* is re-finding

Where to continue?

Determining connection points

Activity-phase specific

Across activity phases

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Resuming an Activity II/II

What to continue?

Where to continue?

Current Means

Histories

Folders & Symlinks

Desktop Search

Virtual Desktops & Alt-Tab

Hibernation

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DEMO

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Zeitgeist Framework
Siegfried Gevatter

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- **What changed since GCDS?**
 - We aren't Tracker: no more annotations (eg. tags).
 - New database structure for better performance.
 - New, more powerful D-Bus API.
 - Stability.
 - Extensibility.
 - Running on Maemo.
 - SUPER SEXY

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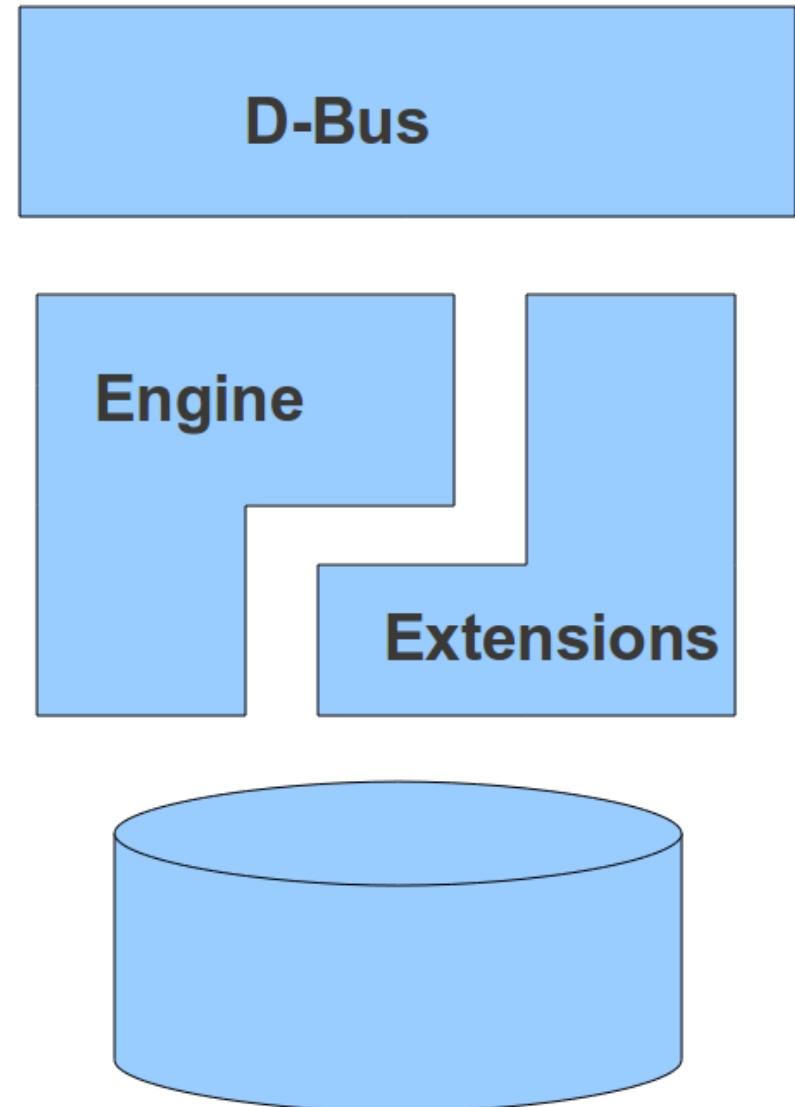
- Zeitgeist Framework:
 - **Engine**
 - LibZeitgeist
 - Loggers
 - Ontology
 - Extensions

Zeitgeist Technologies

- Zeitgeist Framework:

- **Engine**

- Event Log (Stores Events)
 - Provides frequent/recent/
most used/etc events for:
 - Types, Mimetypees
 - Applications
 - Activity Type
 - etc.
 - Extensible



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What is an event?

- Timestamp
- Event Type (interpretation & manifestation)
- Actor
- Payload
- **Subjects**
 - URI, Subject Type (interpretation & manifestation), Title (string), etc.

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- Zeitgeist Framework:
 - **LibZeitgeist**
 - Mikkel Kamstrup. Sponsored by Canonical.
 - **Vala** (introspection). Michal Hruby (GSoC).

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- Zeitgeist Framework:
 - **Loggers**
 - Exist within or outside the Applications
 - Responsible for pushing events into Zeitgeist
 - Python interface
 - C, Vala interface
 - D-Bus Interface

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- Zeitgeist Framework:
 - **Ontology**
 - *Nepomuk Ontology* for Subject description
 - *Zeitgeist Event Ontology* for Event description
 - Compatibility with Tracker
 - RDF Standards

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- Zeitgeist Framework:
 - **Extensions**
 - Reside within the Zeitgeist Process
 - Manipulate events coming in and going out
 - Provide their own API over Dbus
 - Examples:
 - **Blacklist**
 - **DataSource Registry**
 - FTS
 - Geolocation (Geoclue / liblocation)

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DEMO

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Teamgeist Framework
Youness Alaoui



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- Teamgeist Framework
 - **History**
 - Introduction
 - Basics
 - Vision

Zeitgeist Technologies

- Teamgeist Framework
 - **History**
 - Started last GUADEC (Prototype) by Robert McQueen, Sjoerd Simmons & Seif Lotfy
 - Collabora sponsored work on full fledged Teamgeist
 - Teamgeist Framework 0.1 around January 2010

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- Teamgeist Framework

- **Introduction**

- Motivation: Lack of real-time collaboration tools
- Use Case:
 - Share events between team members
 - Browse and search for events from your colleagues
 - Collaborate on a project efficiently
 - Researching Online
 - Review Team work history
 - Merge/synchronize your zeitgeist events from two computers
 - Planning a trip, etc..

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- Teamgeist Framework
 - **Basics**
 - The power of Telepathy and Zeitgeist unified
 - Use Telepathy to create teams through XMPP MUC channels
 - Use Telepathy Tubes to exchange events between participants
 - Events get shared based on specific search criteria set by the user
 - Use of a different transport is possible (sharing through email, etc.)

Zeitgeist Technologies

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Zeitgeist Technologies

- Teamgeist Framework
 - **Vision**
 - Integrate with Applications
 - File-Locking across networked computers
 - Go Mobile

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- Unkown (ammonkey)
- Randy Barlow
- Daniel Fore
- Michal Hruby
- Markus Korn
- Seif Lotfy
- Jason Smith
- Youness Alaoui
- Hylke Bons
- Siegfried Gevatter
- Mikkel Kamstrup
- Federico Mena
- Thorsten Prante
- Natan Yellin

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Q&A