



# Zeitgeist

## USE CASES

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Re-finding items

Personal item-wise interaction history

Automatic tags

Resuming work

Realtime support

Reporting

Post-processing an activity

Doing and Planning

Teamwork

# UC:

## Re-finding an Information Item

Where's my homework I worked on last week.

- Recognition easier than recall
- Don't have to remember file name and storage location
- Filtering by item type
- Employing stars (all item types)

# UC: Re-finding a Collection of Information Items

I want to re-find the video/music/picture items, which were touched around the time when I was editing the wiki page „use cases“.

- Re-find a collection of items via one item, which you remember or have at hand (i.e. it's activity context)
- Re-find non-text information items via text items

I want to re-find the documents I had found on the web before writing emails / started chatting yesterday morning.

- Re-finding an item via an information activity

## UC: Re-finding Items used around multiple Usages of an Item

- I want to re-find all items used around when I was editing my homework document.
  - Putting together the reference list.

## UC: Asking an item about my interaction/activity history.

Where did I download this document from?

- Context menu in file system or journal UI

Did I use this item in my work? When?

- Enter it as a search query in journal UI

In this folder, highlight the items, which I used today.

# „UC“: automatic Tags

- Automatically tag item with storage-location path
  - Possible indicator for related items via the storage context of the item (proximity measure in the folder hierarchy)

# UC: Resuming Work

I want to resume work on my presentation.

- Re-find the presentation file.
- Which other information did I use, when I last worked on it?  
(Activity-induced Information Collection)
- What did I do to prepare the presentation?
  - Interrupted activity over several days
  - Aggregation of related, relevant items

I want to resume my coding project.

- Set of items and tools usually employed.

# Real-time UC's

I work on Zeitgeist. Show me the related stuff.

- items, which are related to what I am doing

Parental Control



# UC: Reporting about what I have done.

I have to deliver my monthly report to my boss.

- Time scoping

What do you use to help your remember? (remembering vs. knowing)

- Calendar
- Emails (written and read) as reminding cues
- Work Diary / Log / Journal
- (Versions of code or documents)

Review doing across different types of information items: less fragmentated user experience

- Desktop search?
- Browsing

# UC: Post-processing a Conference Trip

What have I done at the conference in Vienna?  
(reporting cont'd)

While being in Vienna ...

- GPS extension

... at this conference

- calendar item „conference“
- Pictures taken while in Vienna

What strings should I take up?

- Conference notes
- New tasks

# UC: Relate Levels of Planning (Tasks) and Doing (Activities)

I want to relate my activities over the day to my tasks.

- Annotate single items with task tags
- Annotate sequential groups of items with time-expanded task tags

I want to reflect upon what I achieved today (status of tasks) and set to-do's for tomorrow.

- Comments about today
- „Annotate tomorrow“ with planning

Diary

# Teamwork UC's

I want to see (mutual), what the team works / has worked on, in one view.

- Awareness about other's work as well as sharing information relevant to the team's tasks
  - Via sharing/shared-tags
- Options: by person vs. anonymous, by task