Darwin - Empowering Users to Collaboratively Structure Knowledge-Intensive Processes

TUM   **sebis**

Knowledge-Intensive Process (KiP)

End-users have to structure KiPs

… emergent

… collaborative

… growing knowledge

… uncertain

Work Templates for KiPs
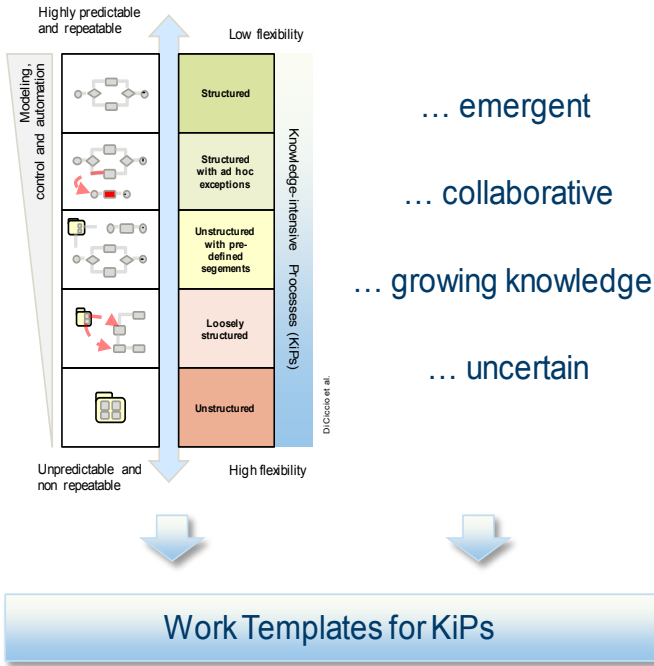
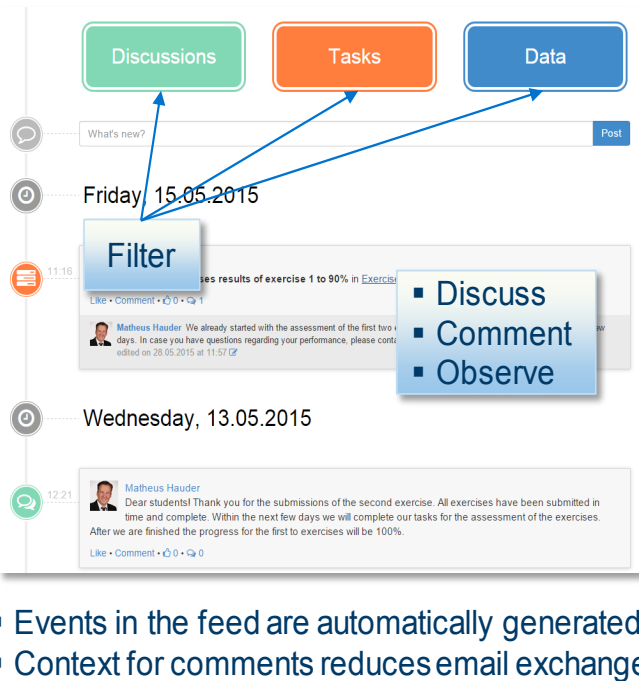## Software Support for KiPs

Generated timeline

Flexible (un)typed information model

Matching of tasks is based on skills

Tasks — Wiki Page — Attributes
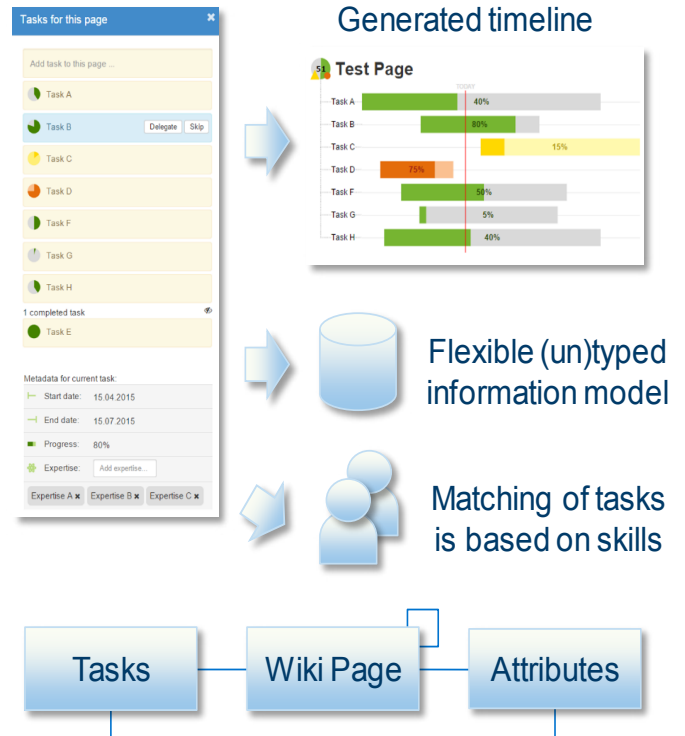
Social Feed

Communication support for knowledge work

Discussions | Tasks | Data

Filter

- Discuss
- Comment
- Observe

Friday, 15.05.2015

Wednesday, 13.05.2015

- Events in the feed are automatically generated
- Context for comments reduces email exchange

Software Architecture

Visitors   Authors   Tailors

→ edit

⇢ read

Generic | Mobile | Tailored

REST API

Server

MongoDB

- Tailors maintain work templates
- Different user interfaces based on the same API
- Development of domain-specific applications

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