A platform for building Semantic Social Media Applications

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Enterprise Knowledge Management: KiWi Vision

knowledge management
+ wiki philosophy
+ semantic web

KiWi
Knowledge Management

- many different kinds of rich content (text, images, audio, video, software, processes, ...)
- user and domain specific workflows and processes
- sharing of content and collaboration of users
Knowledge Management (traditional)

- „knowledge acquisition systems“
- form-based, predefined processes, part of quality management, „make people replaceable“
- people are aligned with technology and organisation
Knowledge Management (KiWi Way)

| instead: technology and organisation should be alignable with people! |
| KiWi: Semantic CMS the Wiki-Way |
“share, give it away, make it easy, because the more people know your idea the more powerful it becomes”

– Garr Reynolds, Presentation Zen
Online Communities

... are successful in sharing even now

... there is no reason why this shouldn’t work in the enterprise
Knowledge Management (Wikis)

- Wikis are...
  - simple to use (low technological barrier)
  - flexible: from a short notice over documentation to collaborative authoring of documents
  - do not impose a predefined workflow (no dictate of the system)
  - adjust to the necessities of users
Wikis: like a piece of paper!

... you can write on it

... you can connect things

... you can draw on it
Wikis: like a piece of paper

- workflows only by “social convention”
- there are rules, but it is possible to deviate from them if necessary (new situations, better solutions, …)
Knowledge Management (Wikis)

**but:** Wikis are rather like an **empty** piece of paper
- well suited for creative and/or well-known tasks
- no support whatsoever for users
- nobody would fill his tax return on an empty piece of paper!
- forms and workflows have (originally) been developed as support!

with growing amount of content it becomes also increasingly difficult to find the necessary information
Semantic Web

- adds formal, machine readable semantics to the Web
- on a first glance:
  - rigid structures, predefined processes
- but on second glance:
  - “open world”
  - semi structured
  - no pre-defined structures; evolving structures!
  - structure is never really imposed, it is just used to support the user when it is there!
Knowledge Management
+ Wiki-Philosophy
+ Semantic Web
= KiWi

- machine readable linking of content
- adaption of presentation and input
  - to personal preferences
  - to user and content context
  - to different kinds of content
- examples:
  - kinds of content: meeting minutes, resource plans, persons, tasks, reports, ideas, ...
  - presentation/input: meeting minute editor, gantt diagram, user profile, report template, ...
Scenario ...
Salzburg

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Abstract

Salzburg's "Old Town" (Altstadt) with its world famous baroque architecture is one of the best preserved medieval settings in Europe. It was listed as a UNESCO World Heritage Site in 1997. The city is noted for its Alpine setting and the activities associated with it, including music festivals and cultural events.

Geography

Salzburg is on the banks of the Salzach River, at the northern boundary of the Alps. The rolling plains to the north. The closest alpine peak—the 1972 m Untersberg—is only a few kilometers away.
So you are going to build the next Semantic Web Killer Application?

Why not build it on top of KiWi?
11 reasons to build your next Semantic Web killer application on top of KiWi!
11 reasons to build your next Semantic Web killer application on top of KiWi

1. unified access to content and metadata ✔
2. RDF and ontology support ✔
3. semantic and facetted search ✔
4. semantic tagging ✔
5. rule-based reasoning with maintenance ✔
6. information extraction ✔
7. transactions and versioning ✔
8. recommendations and personalisation ✔
9. advanced structured querying ✔
10. Java EE based service-oriented architecture ✔
11. Open Source ✔
Application Areas?

- enterprise knowledge management
- enterprise integration
- semantic indexing and search
- public social media applications
What's the difference between Web 2.0 and Web 3.0?

One?

It is that easy.
Big Thanks to the KiWi-Team!
KiWi 1.0 Release on 14.10.2010
KiWi - Links

- Learn more: http://www.kiwi-project.eu
- Stay up-to-date: http://planet.kiwi-project.eu
- Try it out: http://showcase.kiwi-project.eu/KiWi/
- Download/Community: http://www.kiwi-community.eu

and if you are interested in collaboration ...

... consider joining Salzburg NewMediaLab!
Contact ...  

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