



Design and implementation of a task-centric social content management application for end-users

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wwwmatthes.in.tum.de



1. Introduction

- 1. Overview of Tricia & Darwin
- 2. Goal & Motivation

2. Use Cases

3. Approach

- 1. Components of the new System
- 2. Conceptual models of Tricia and Darwin
- 3. Simplified target implementation

4. Roadmap

5. Discussion

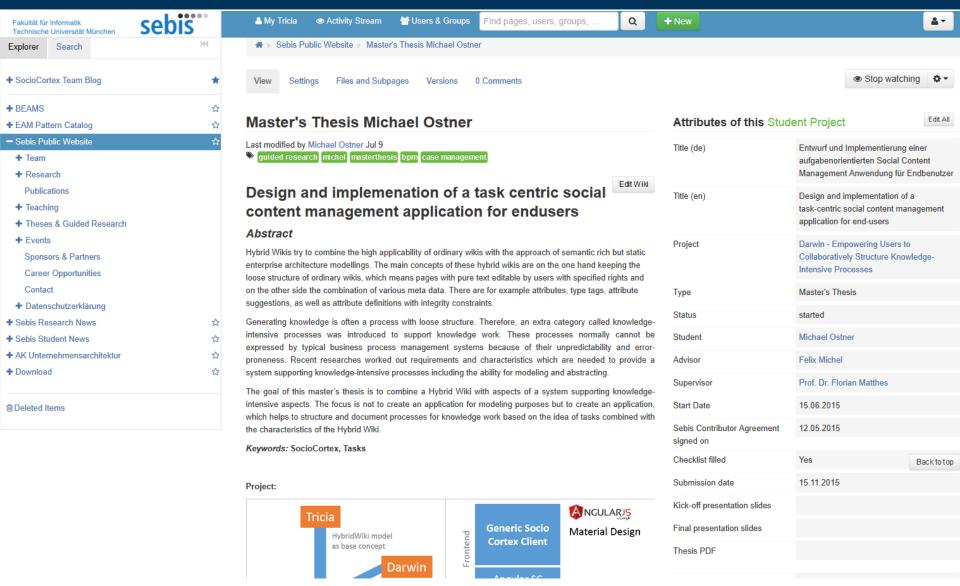


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Tricia - Screenshot

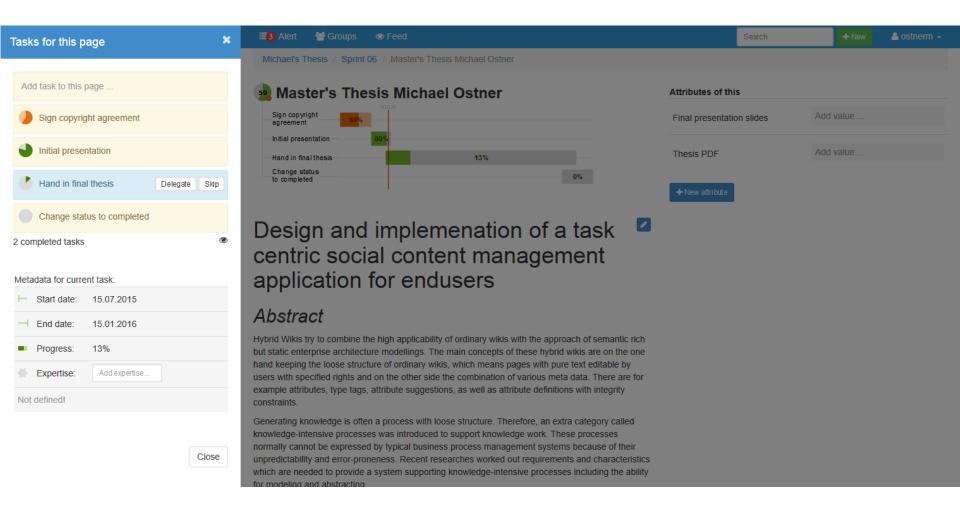




Source: https://wwwmatthes.in.tum.de/pages/1tfdwzvm65if3/Master-s-Thesis-Michael-Ostner, July 19th, 2015

Darwin - Screenshot

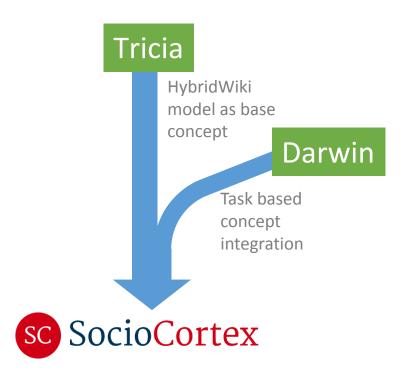




Source: adapted from Hauder, 2015

SocioCortex





Tricia (Hybrid Wiki)

- Dynamic model schema
- Allows adding structured content in form of attributes
- Building types with bottom up approach

Darwin

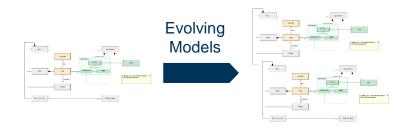
- Modelling work plans for knowledgeintensive processes
- Monitoring the execution of processes
- Targeting end-users as well as modelling experts

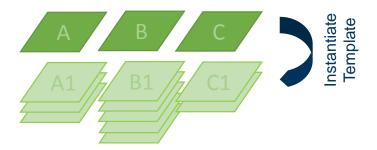
Motivation



Tricia provides a generic meta model concept to support an evolving model approach.

Darwin that follows the adaptive case management paradigm enables users to instantiate task temples and dynamically execute them.

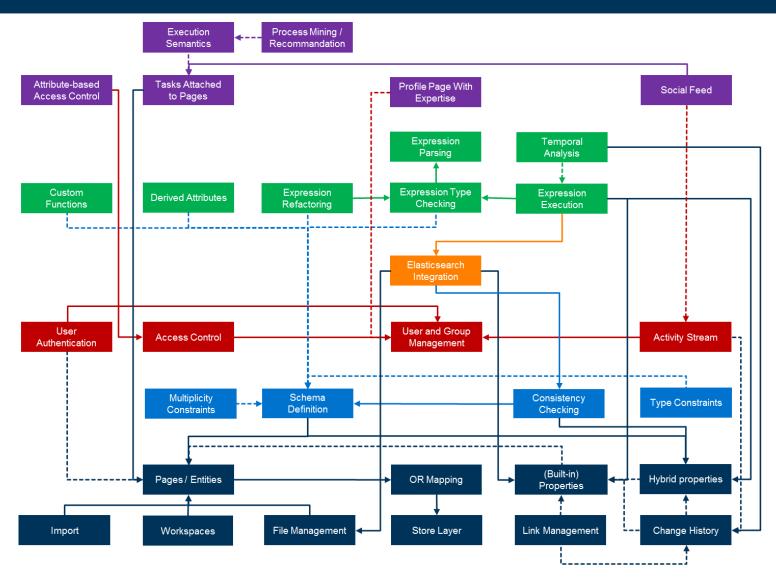




How to merge the generic emerging model concept of Tricia with the task-centered paradigms of Darwin?

SocioCortex - Feature Map





Source: Thomas Reschenhofer



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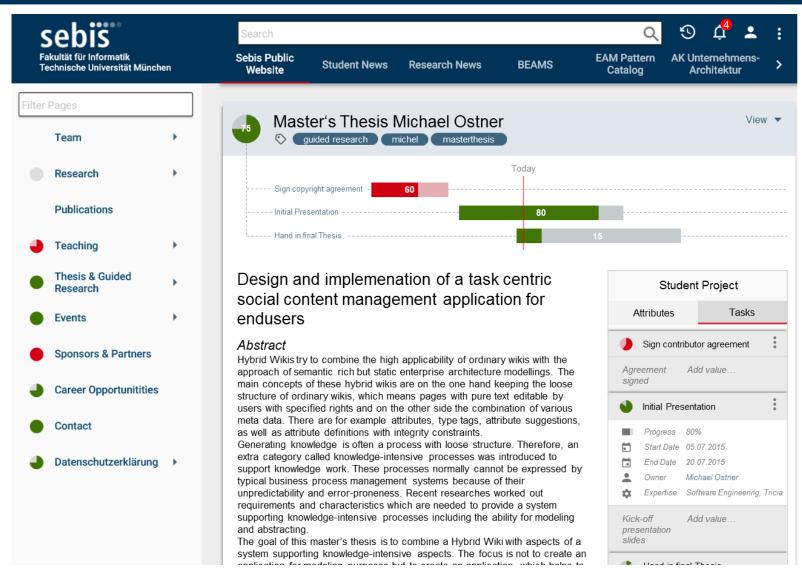
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SocioCortex - Mockup

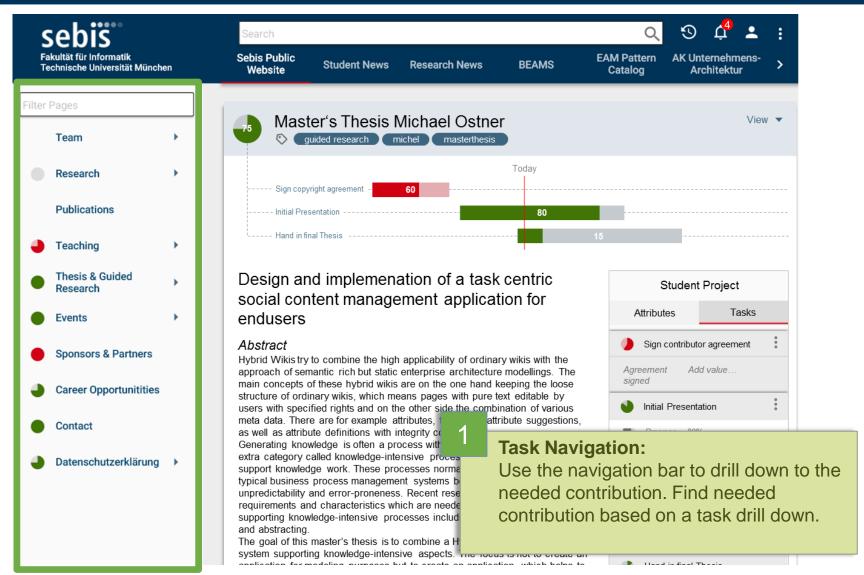




Source: adapted from Florian Katenbrink

SocioCortex – Use Case (1/6)

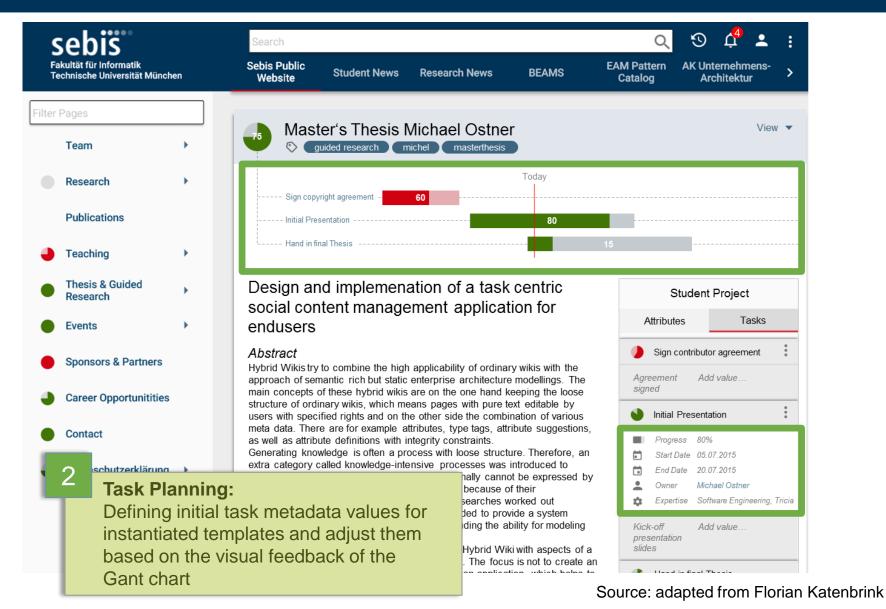




Source: adapted from Florian Katenbrink

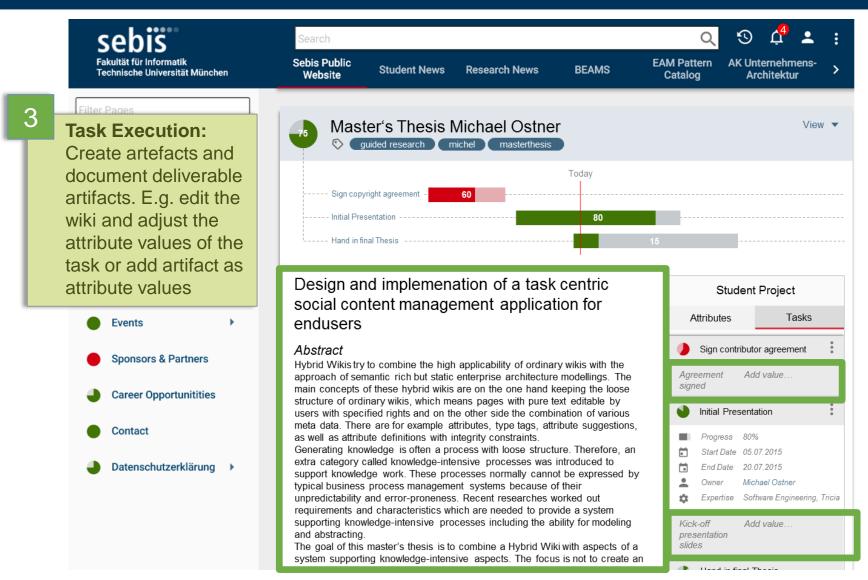
SocioCortex – Use Case (2/6)





SocioCortex – Use Case (3/6)

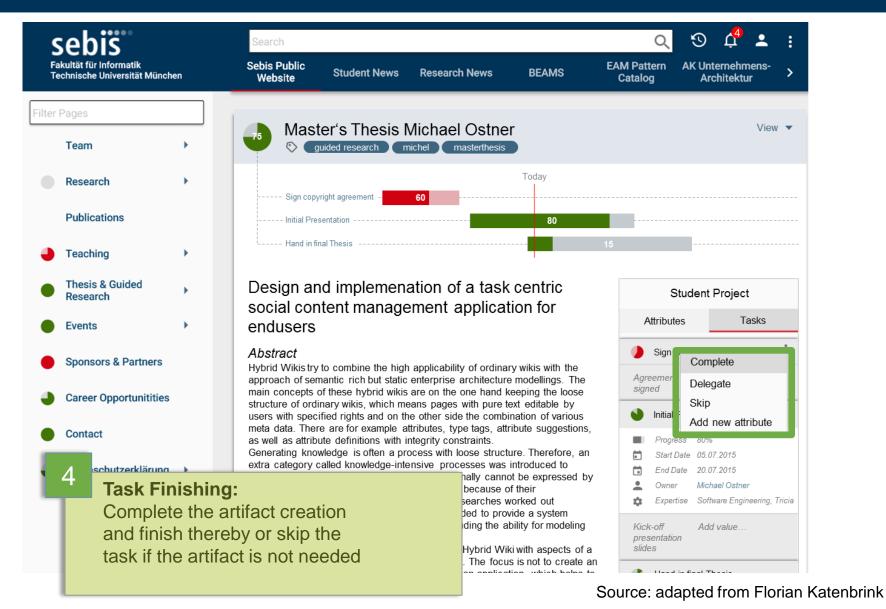




Source: adapted from Florian Katenbrink

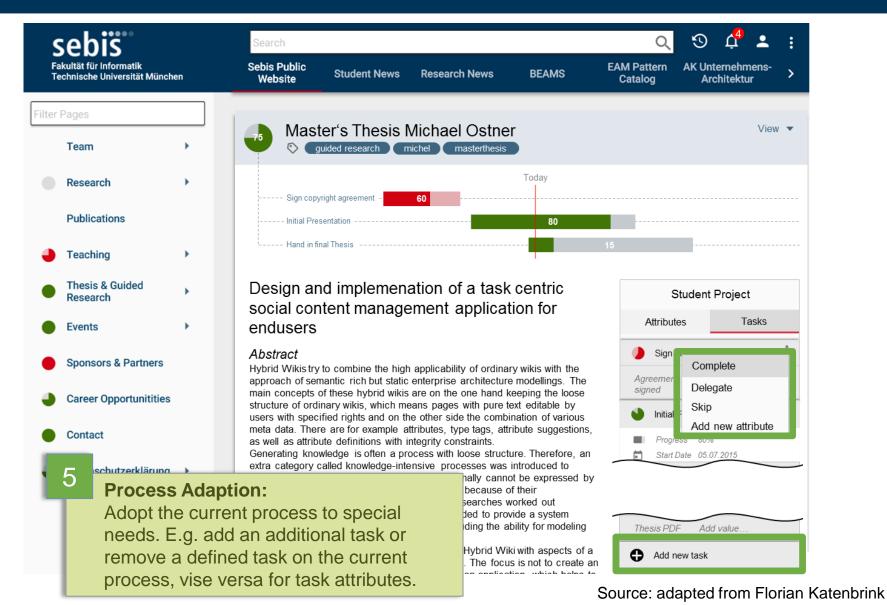
SocioCortex – Use Case (4/6)





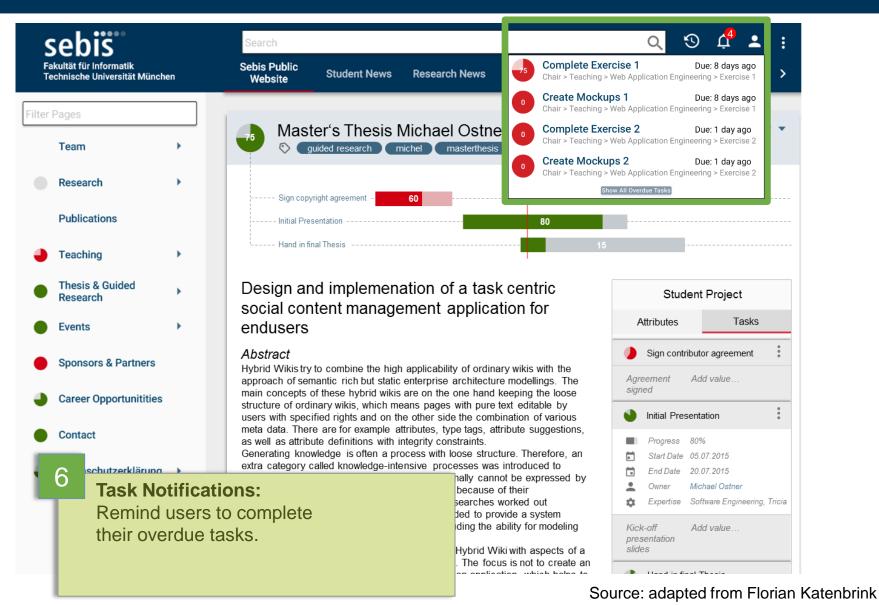
SocioCortex – Use Case (5/6)





SocioCortex – Use Case (6/6)







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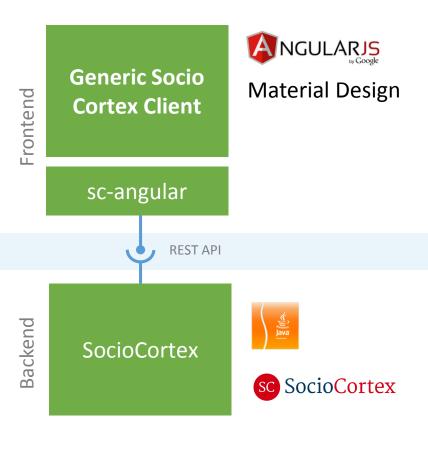
2. Use Cases

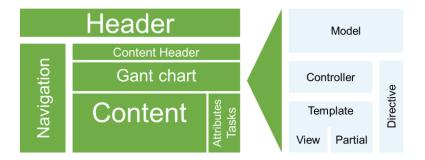
3. Approach

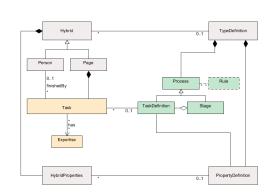
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Components of the application





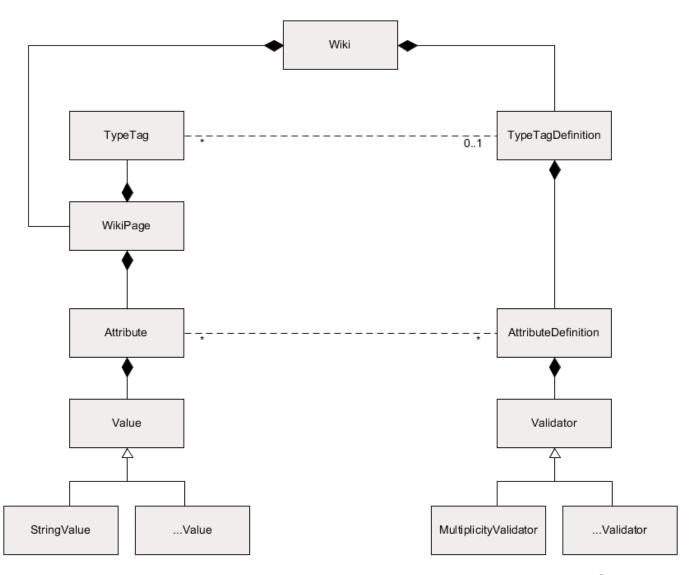




Hybrid Wiki





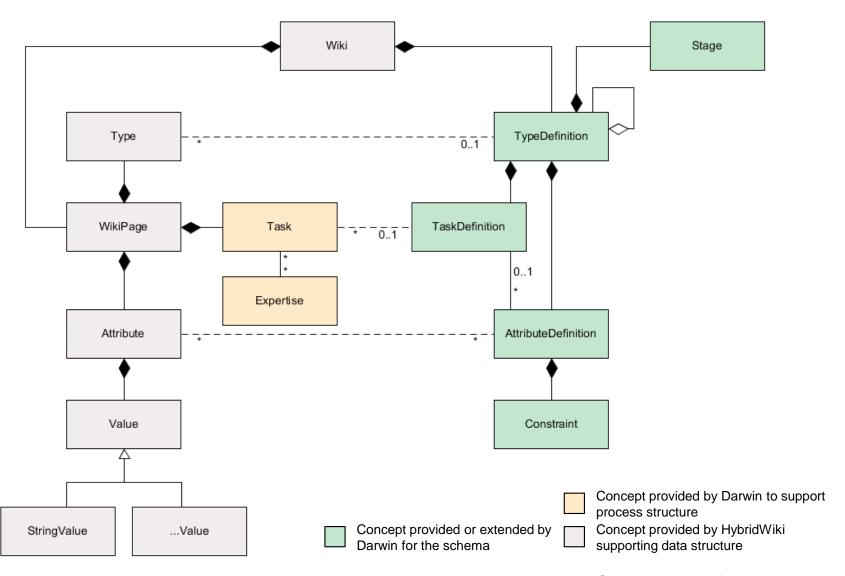


Source: adapted from Matthes, 2011

Darwin

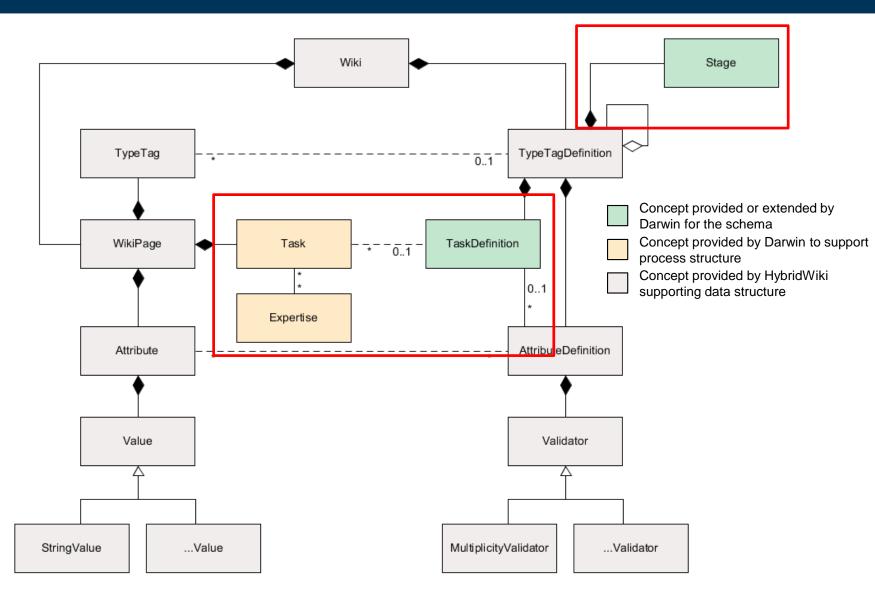
Conceptual model





Source: adapted from Hauder, 2015

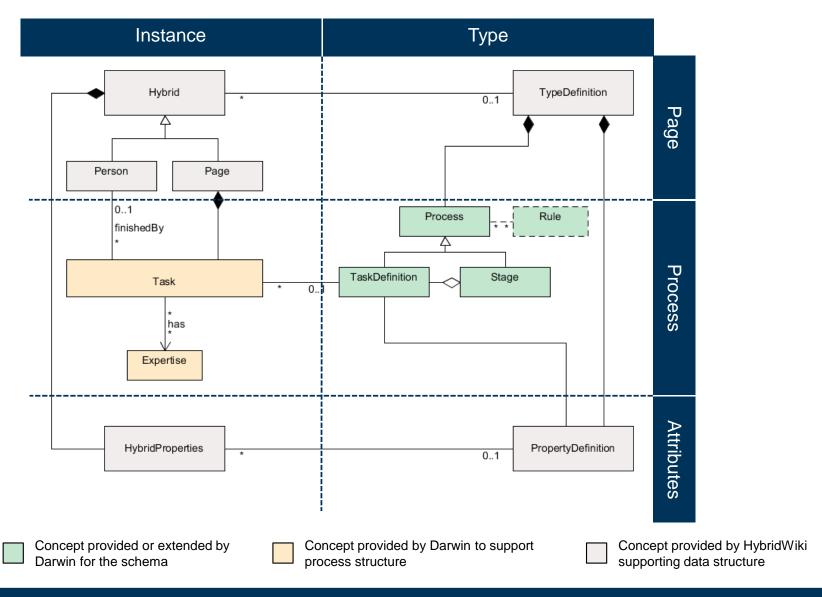
Hybrid Wiki concept extended with task-centric aspects sebis



SocioCortex

Simplified target components







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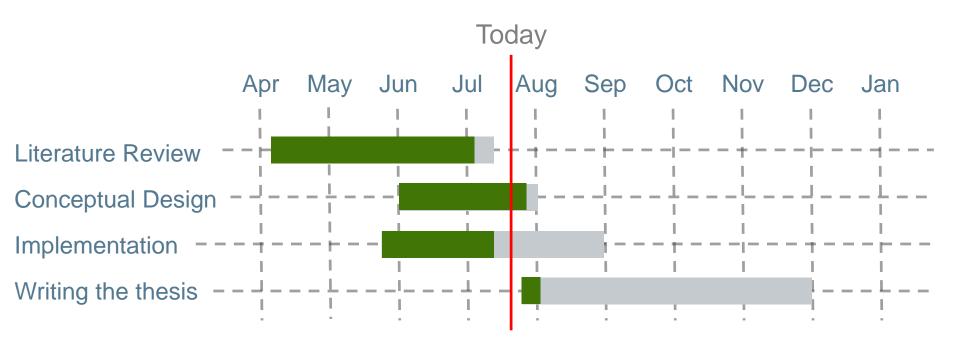
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Roadmap







Discussion

