

COORDINATION FUSEPOOL P3

www.fusepool.eu

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THOMAS GEHRIG

thomas.gehrig@aget.ch

+41 79 760 06 06

Bern University of Applied Sciences BUAS

Berner Fachhochschule BFH

Fachbereich Wirtschaft

e-Government

Brückenstrasse 73

CH-3005 Bern

www.wirtschaft.bfh.ch

Fusepool P3, summary Y2

1 Executive summary

In Y2 of Fusepool P3 project the consortium was able to reach its goals: We made publishing and processing of open data as linked data easy. It took a lot of time to develop several software components but after some coordinative challenges in Y1, the project team was able to challenge.

Focusing on best practices and activating specific contacts made it possible to recover lost ground in Y1.

Thanks to the concrete efforts of Provincia Autonoma di Trento (PAT) and Regione Toscana (RET) as project partners the main focus was on practical benefits. Participation on Hackathons, presentations and scientific papers helped focusing as well.

The consortium learnt a lot about «soft facts» and requirement engineering with different non-technical based partners. Linked Open Data can provide an additional and measurable value in our context: More tourists visiting the regions for a longer time.

2 Main results Y2

Work Package 1

Two completely new use cases were added:

- Large Scale Validation Use Case: Library Keyword Clustering
- Swiss Archive Interlinking (ALOD)

Work Package 2

The main technical achievements were the rollout of the remainder of the distributed backends for BatchRefine and the integration of OpenRefine with Neologism for allowing convenient bulk imports of ontologies, and its promotion to first class citizen as a tool for composing BatchRefine transforms directly from the FP3 GUI.

WP2 has also undertaken its stakeholder validation, of which the most significant result is the evidence that the tools developed in this Work Package are indeed perceived by stakeholders to provide value, as is the data produced with these tools within the project.

Work Package 3

Two new transformers were created in Y2, the Literal Extraction Transformer for extracting literals from RDF data, and the SilkDedup Transformer for deduplication of entities in a dataset.

There were several improvements in existing transformers developed in the first years, based on feedback and experience from partners or users.

Work Package 4

The involvement of third-party developers to the project, by running a contest to found the development of the two demo applications is to be considered as a significant result for the project, as it helps disseminating the project itself. Significant is also the fact that some of the developers involved in the development of the demo applications included parts of the Fusepool P3 Platform in others personal projects outside of the scope of the contest ran for developing the demo applications.

The Elasticsearch-Logstash-Kibana stack integrated into the platform offers an easy way to monitor and analyze the platform and its data usage. The platform administrators are offered with several visual tools to filter and aggregate the logs data and to analyze them with several different possible visualizations.

Work Package 5

In Y2 the work within WP5 has shown that a unified product can be delivered on top of the highly componentized Fusepool P3 architecture. With our reference implementation distribution we greatly simplify deployment also addressing concerns expressed by the reviewer at the first review meeting. The platform has proven to be functional in large scale testing.

Work Package 6

- Project website and fact sheets
- Collaboration of six additional data publishers
- Two apps built on top of Fusepool P3 components and the platform, which are LOD events eXplorer and in the Footsteps
- Research and Practitioner Engagement.
- Commercial exploitation with main avenues for exploitation by all consortail partners.
- General dissemination.

Work Package 7

Fusepool P3 management roadmap

2015, Jan 21	Joint Developer & Board Meeting	Bern
2015, Feb 24	Rehearsal Meeting for Midterm Review	Luxemburg
2015, Feb 25	Midterm Review	Luxemburg
2015, Sep 23	WP6 Coordination Meeting	Zurich
2015, Sep 24	UI & Joint Developer Meeting	Zurich
2016, Feb 17	Rehearsal Meeting for Final Project Meeting	Luxemburg
2016, Feb 18	Final Project Meeting	Luxemburg

Results

All public results are available on www.fusepool.eu.

Update of D1.1 – System requirements, methodology, user co-creation: Milestone MS1 was completed with the update in Q2 2015. The milestone was not properly validated before due to the delay of MS7.

D2.2 – Data curation & cleansing improvements implemented including **MS2** (Data importer and extraction tools approved by six stakeholders).

D3.2 – Integration of SILK component into platform.

D4.2 – Fusepool P3 demo apps implemented.

D4.3 – Usage statistics & feedback tools implemented.

D5.2 – Data retrieval for semantic enrichment/processing and semantic indexes for domain specific data retrieval (postponed from M9 as argued in D7.1).

D5.4 – Large-scale technical validation of Fusepool P3 platform.

D6.2 – Engagement of data publishers, developers, consumers.

D6.3 – Commercial exploitation plan.

D7.2 – Project status report Y2.