

DIESEL

Project Overview

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E!9367 DIESEL
Eurostars
Start Date 01/09/2015



DIESEL

Distributed Large-Scale Search
in Industrial Data



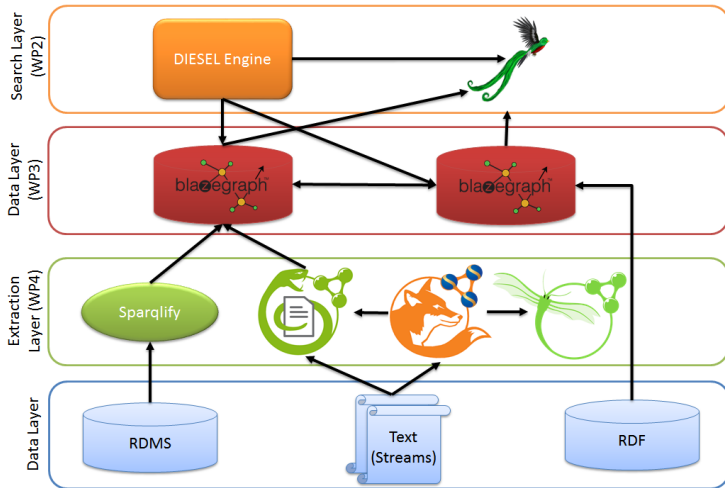
eurostars™

September 22, 2015

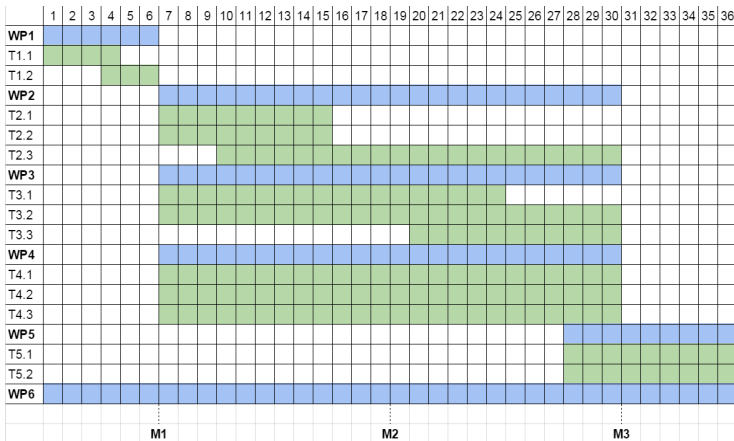
- Begin: September 1st, 2015
- Duration: 36 months
- 6 work packages
- 3 partners
 - Ontos AG (coordinator, CH)
 - University of Leipzig (technical lead, DE)
 - metaphacts (DE)



Architecture



Timeline



- D1.1: Feasibility study (R, M4)
- D1.2: Component architecture and interfaces (R, M5)
- D1.3: Requirements specification (R, M6)
- D2.1: Infrastructure for the query generation engine (R, M12)
- D2.2: First version of the query generation engine (S, M15)
- D2.3: Second version of the query generation engine (R+S, M30)
- D3.1: First version of the duplicate-aware federated query processing engine (R+S, M15)
- D3.2: Second version of the duplicate-aware federated query processing engine (R+S, M30)
- D4.1: First version of the knowledge extraction suite (R+S, M15)
- D4.2: Final version of the knowledge extraction suite (R+S, M30)
- D5.1: Evaluation of DIESEL for the automotive industry incl. best practices (R, M36)
- D5.2: Evaluation of DIESEL for the publishing industry incl. best practices (R, M36)
- D6.x: Eurostars Report x (R, M6x)

- Dynamic RDF graphs annotated with a-priori scores (e.g., PageRank)
- Dynamic indices for surface forms as well as labels for properties and classes
- Possible extensions for SPARQL (e.g., geographic elements, path queries, full-text queries)
- Widget-based results

Thank You!

Questions?

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