

Conversion of Git to RDF-Semantics

SemanGit

Matthias Böckmann, Dennis Kubitza

Lab 4314

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Content Overview

- 1 Goals and User Stories
 - Goals of the Project
 - User Stories Description
 - User Stories

Our goal

- Fetch Data
- Extract Semantics
- Generate RDF



About Git

- Open Source Software Protocol
 - Version Control System (VCS)



Distributed Collaboration



¹<https://github.com/about>

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Distributed Collaboration

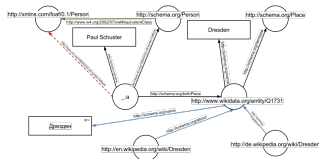
- Multiple Hosters
 - adding social features
 - ub: 80M Repositories ¹

¹<https://github.com/about>

Theoretical Problem



How
???



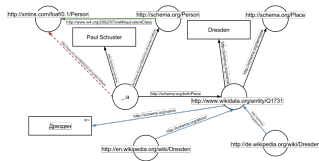
Practical Problem



GitHub



How
???



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User Story Description

- Users

- 1 Admin

- Story Categories

- 1 Limit Data Domain

- 2 Control Processing



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User Stories

Tab.: As an Admin I can...

Limit Data Domain

Control Processing

Distribute Computation
Start/Stop/Continue Processes

Choose Instances to be considered
Change level of detail

Change Computation Priorities

