Introducing "BlogSpread"

First Ideas

Based on discussions and work of:

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Amadeu Campos
Kai Eckert
Fred Freitas
Mathias Niepert
Heiner Stuckenschmidt

What is the goal?

- A *{framework|platform|application}* to **analyze** and **visualize** *{blogs|forums|websites|the social web}*.

- Yet another framework...

- Interoperable with existing data (by means of semantic web technologies)

- ...

Motivation, Why?

- Do **we** need it? Does **someone else** need it?

- Maybe...

  - … many smaller research projects: BA/MA theses, student research projects → **no reinvention of wheel.**

  - … not only smaller research projects → **Reduce overhead**.

- Is it part of active research?

Mannheim Use-Cases

- Development of research software
    - Opinion mining, sentiment analysis on blogs
    - Natural language processing
    - Learning ontologies/thesauri from blogs

Architecture

- The core of the project will be a desktop application.
  - Targeted user is a single researcher who uses BlogSpread for experiments.

- The APIs can also be implemented as webservices, so that analyses can be provided as webservice.

- Agent technologies are used where applicable to improve scalability and encourage modularization.

Environment

- Rich Client Desktop Application

  - That means: Use a framework!!!

- Programming language: Java

  - Two serious RCP candidates:

    - Eclipse RCP
    - Netbeans Platform

- We use Netbeans Platform

  - Main reason: expertize and existing code
  - There is no better or worse, it is more a matter of taste.

The Netbeans IDE

Semtinel: Based on Netbeans Platform

Talking about analyses

- Analyses have...

  - … different numbers of inputs

  - … different types of input

  - … different numbers of results

  - … different types of results

- An analysis can **built upon other analyses**

- An analysis is not necessarily pure math, but a **black box** (maybe it uses arbitrary background-knowledge internally)

Talking about visualizations

- Visualizations work for different kinds of data.

- Visualizations can combine several analysis results.

- Example: Treemap

  - Needs **hierarchical data** (so this property should be part of the data description)

  - Can simultaneously visualize two results by means of **color** and **size**, both usually are provided by a metric.

  - The color metric usually needs a **limited range**.

The Analysis Ontology: A first draft
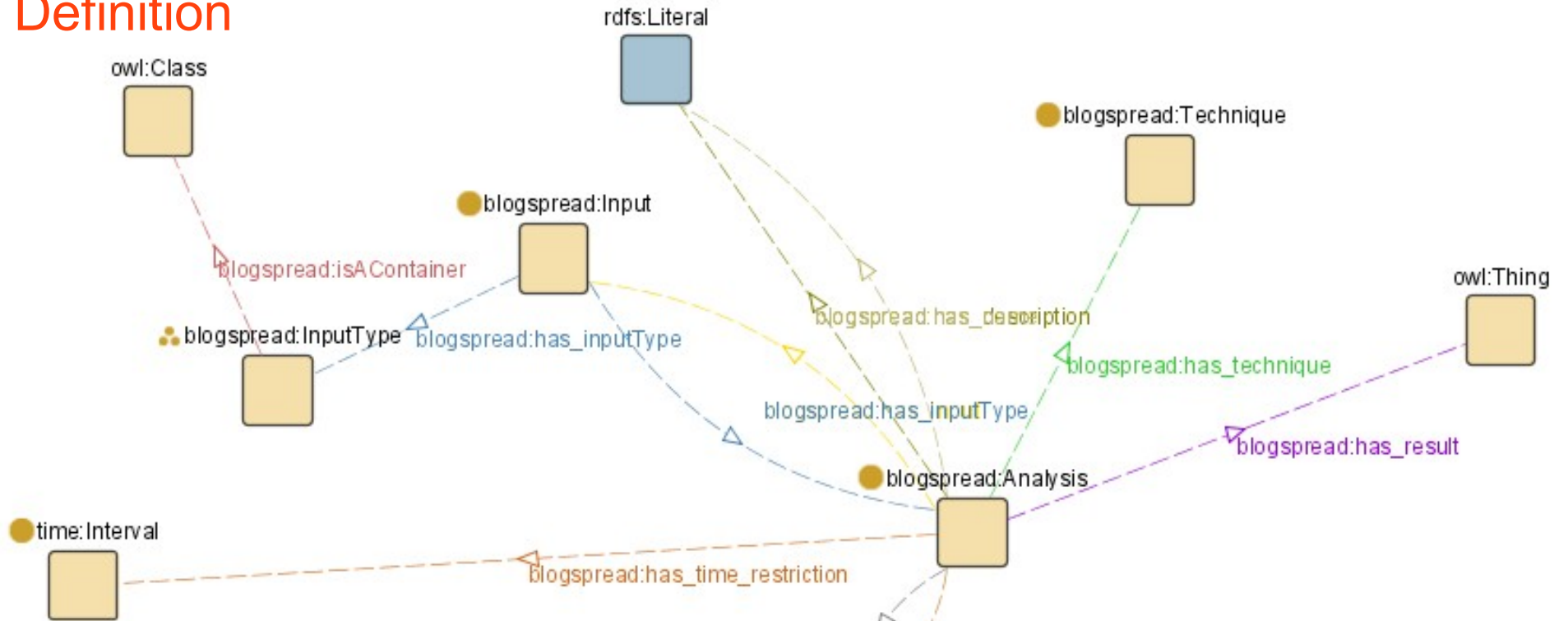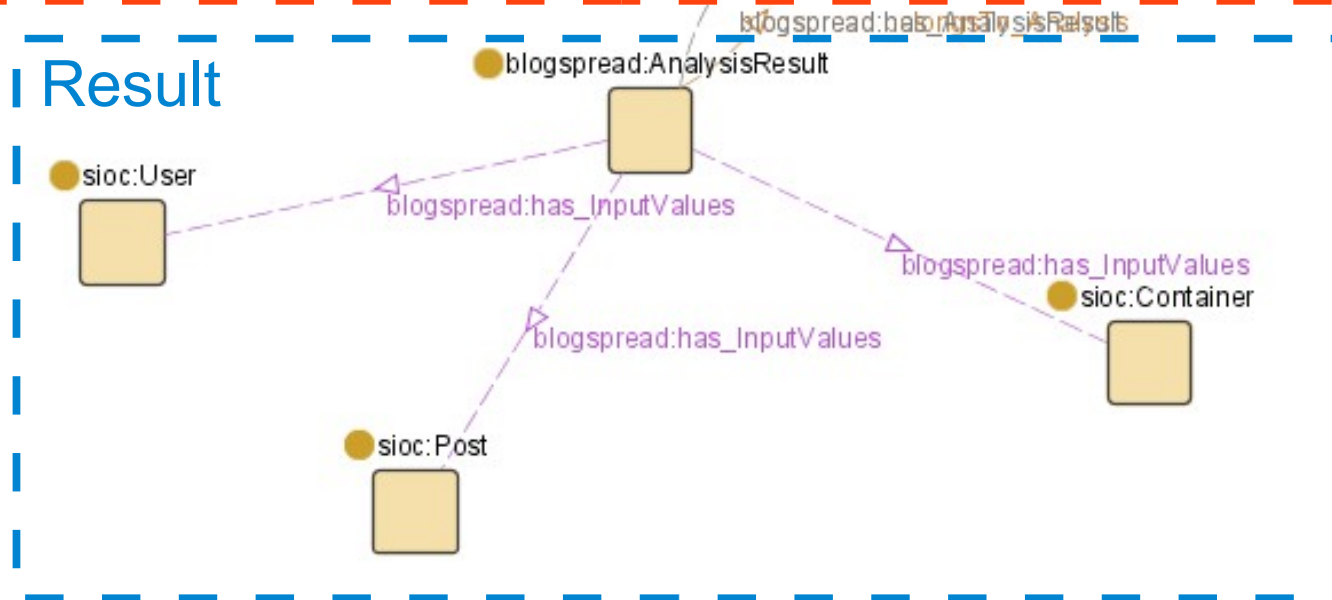
Existing projects

- University of Mannheim

  - Semtinel (Kai)

  - Blogalyzer (Kai)

- University of Pernambuco, Recife

  - Master-Web, Agathe (Fred)

  - BWI + Pos Tagging (Rinaldo)

  - GATE Pipelines (Luciano)

  - Visualisation Tool (Amadeu)

  - Tag Suggestion (Icaro)

BlogSpread on Sourceforge

- http://blogspread.sourceforge.net/
- We will use it (at least) for:
  - Wiki
  - Mailinglists
  - Code-Repository
  - Downloads
- Everyone in this room can join this project!
- **Spread the word!**

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http://sourceforge.net/projects/blogspread/

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B **Blogspread** Planning by kaiec   ShareMore

Summary   Files   Support   Develop

Blogspread is an open platform for the developmend of applications that analyze data from websites like blogs and forums. Blogspread is jointly developed by the University of Mannheim, Germany, and the Universidade Federal de Alagoas, Maceio, Brasil.

View all files >

WWW   http://blogspread.sourceforge.net

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Show project details

Ratings and Reviews

Be the first to post a text review of Blogspread. Rate and review a project by clicking thumbs up or thumbs down in the right column.

Project Feed

Show: Everything

Code committed

Rate and Review

Be the first person to add a text review.

Would you recommend this project?

👍 or 👎

Related Projects

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SQUID2 software processes SHRIMP ion microprobe data. It derives ages for the U-Th-Pb system, ...

micro-read Fast Alignment Search Tool
Fast Alignment Search Tool suite. A fast sequence read mapper suite for short reads generated ...

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Lutz Pöhlmann
ist online

Verbinden mit data.coremetrics.com...

SourceForge.net: Blogspread - Project Web Hosting - Open Source Software - Mozilla Firefox

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Open Source Software

Sourceforge.net Hosted

Blogspread: Project Web Hosting - Open Source Software

Blogspread

Users

Download Blogspread files

Project detail and discuss

Get support

About this project:

This is the **Blogspread** project ("blogspread")

Blogspread is an open platform for the developmend of applications that analyze data from websites like blogs and forums. Blogspread is jointly developed by the University of Mannheim, Germany, and the Universidade Federal de Alagoas, Maceio, Brasil.

Developers

Join this project:

To join this project, please contact the project administrators of this project, as shown on the project summary page.

Get the source code:

Source code for this project may be available as downloads or through the CVS or Subversion SCM repository used by the project, as accessible from the project summary page.

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SourceForge.net: Existing Projects - blogspread - Mozilla Firefox

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http://sourceforge.net/apps/mediawiki/blogspread/index.php?title=Existing_Projects

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University of Maceio

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