BIG DATA VISUALIZATION

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Outline

The semantic web (also know as the Linked Data Cloud) is a huge graph that requires powerful tools to allow an appropriate visualization of its content. In this seminar we will have a practical approach by means of a powerful tool: Gephi. Although this tools is aimed at visualizing and analyzing any graph, we will use specific plugins to analyze large linked-data datasets like DBpedia.

Syllabus

1. DBpedia and the Spanish DBpedia (esDBpedia) as a big data use case.
2. Big graphs with Gephi.
3. Displaying linked data with Gephi.

Assessment Method

Written work on practical cases

Prerequisites

Basic programming skills.

Credits

0.5 ECTS

Remarks

Participants should bring a laptop for practical sessions.

For last minute information, consult the document.

Recommended Reading

- geph.org

Timetable

- 22 February, 15.00 - 18.00
Lecture Theatre

A-6201

Tuition Language

English.

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