Tutorial on Linked Science 2012

UNIVERSITY
AMSTERDAM

WESTFÄLISCHE
WILHELMS-UNIVERSITÄT
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Goals of the Tutorial on Linked Science

- Get a feeling for how to combine Linked Data and scientific analysis

- See how to translate a research question into a simple combination of

    - SPARQL queries

    - Data aggregation

    - Analysis by means of Statistical tests / Visualization

- Learn some basic R and SPARQL skills

- Learn how to teach yourself more

- Get to know like-minded people

Outline

- Install R, RStudio, R packages, Gephi from the web
  or from USB stick
  Installation information is in the README file

- Copy tutorial scripts from:
  http://www.few.vu.nl/~wrvhage/TOLSCI2012.zip
  or from USB stick

- Tutorial part 1 (plenary) – Linked Open Piracy (events and statistics)

  - *break*

- Tutorial part 2 (individually), *one of the following two:*

  - Amazon basin deforestation (spatiotemporal analysis)

  - Hollywood movie stars (social network analysis)