

Evaluation of LinDA and comparison with other tools for visualization of Linked datasets

About & How-To Access Guide

Quick links:

Evaluation process - https://github.com/EIS-Bonn/MA-INF4314-Lab/tree/master/A-EvaluationLinDA-Fabrizio LinDa project - https://github.com/LinDA-tools/Visualization

Conducted by
Rose-Mary Owusuaa Mensah
Nishananth Baskaran
Ugochukwu Chimbo Ejikeme
Nikhil Patra

Why Evaluate and Compare?

There are various visualization tools available which can be used by people with technical knowledge. In addition LinDA focuses on people who are novice. To see whether the developers of LinDA have achieved what they wanted, this evaluation is being carried out.

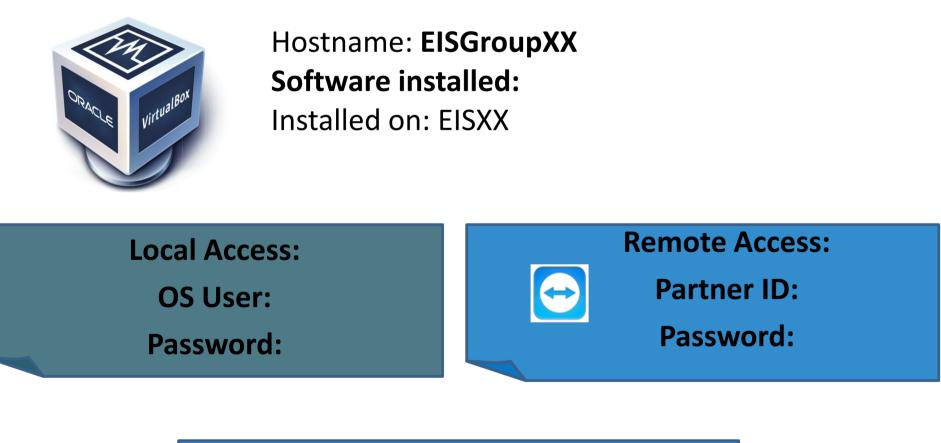
User feedback is a necessity to develop a better product. The various tests and studies will provide results which would help improve user experience and identify features which would be useful.

Comparison of LinDA with the other visualization tools will help to know the pros and cons of LinDA visualization tool. We would measure the various properties concerning product quality which are usability, efficiency, scalability.

WHY LinDa?

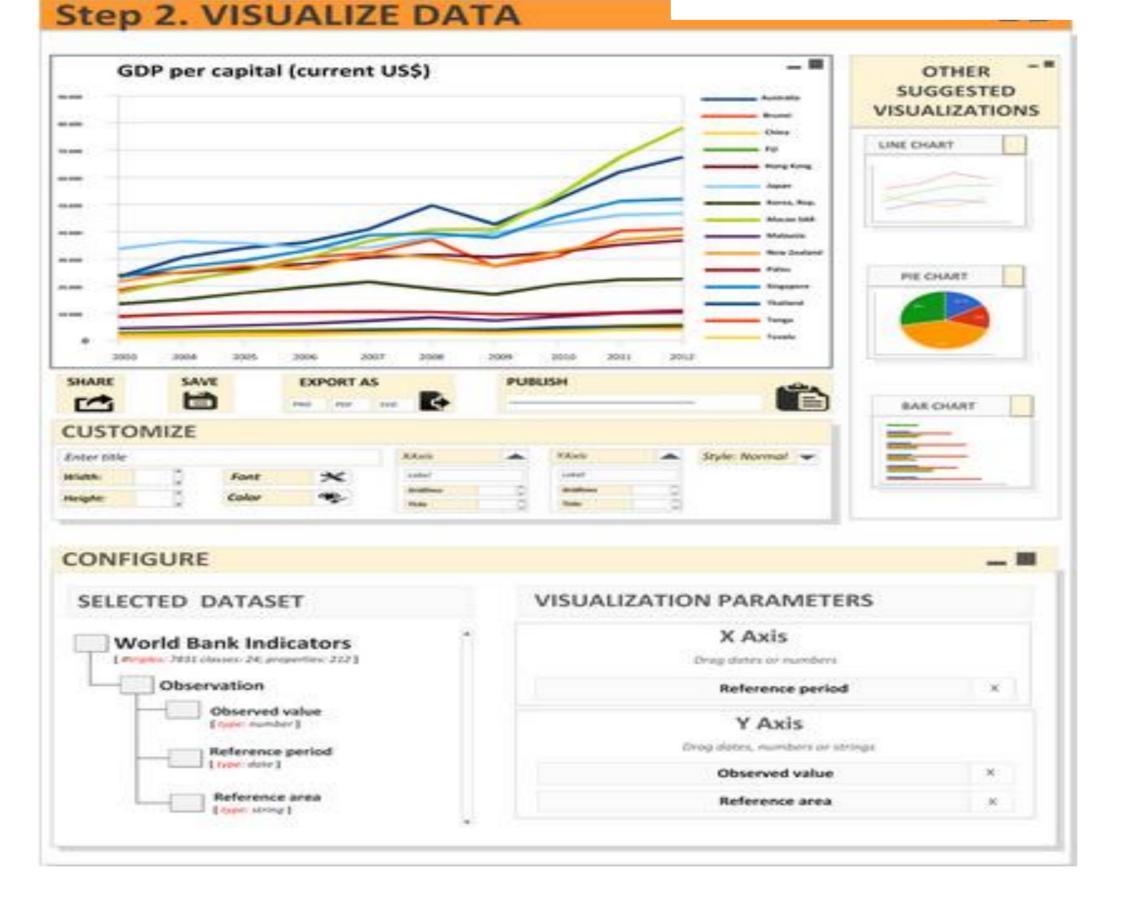
- •The aim of the LinDA project is to make the benefits of Linked Open Data accessible to SMEs and data providers by providing libraries for Open Data consumption.
- •The system should be usable by expert s as well as novice users.
- •Identify the different use cases to cover functionalities.

<Virtual Machine Description>



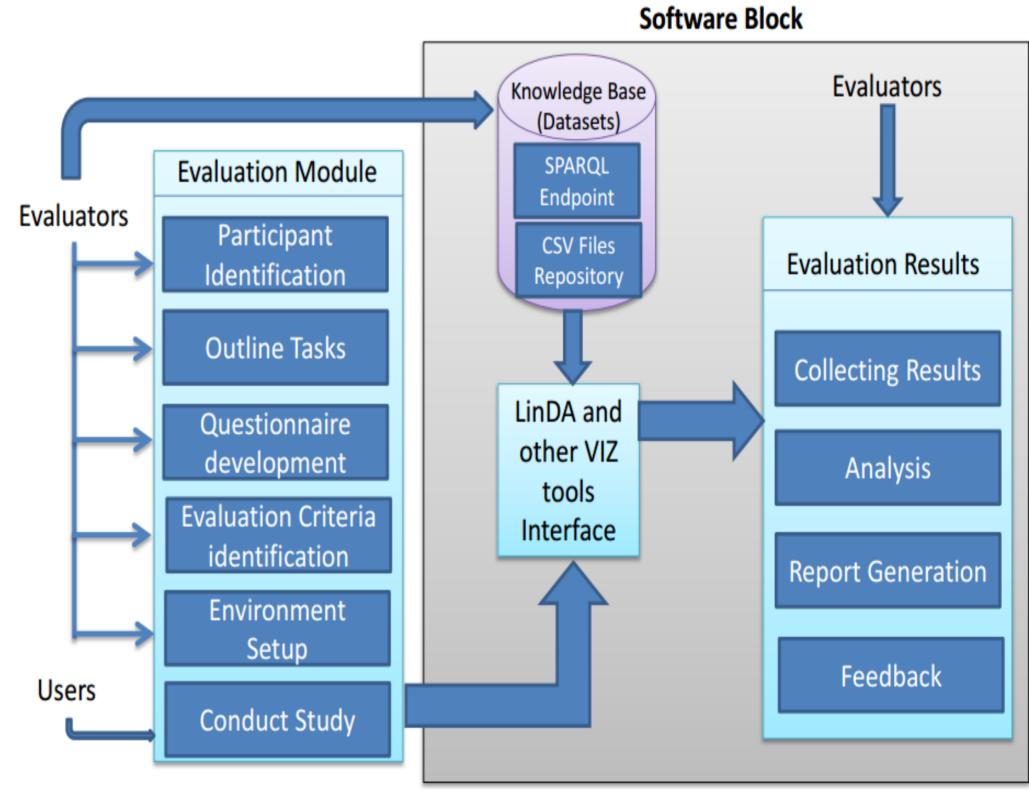
Help-Lines :
http://linda-project.eu/

Step 1. EXPLORE AND SELECT DATA PREVIEW SELECTION ✓ World Bank Indicators [#triples: 7831 classes: 24; properties: 212] Reference area ✓ Observation 67.441,59 Dataset 6.091,01 Brunei Darussalam Indicator Hong Kong SAR, Chin 36.795,82 Korea, Rep ✓ Observed value Macao SAR 10.432,06 Malaysia 11.005,87 New Zealand Reference period Singapore 52.051,81 Thailand 5.479,76 4.493,72 ✓ Reference area Tuvalu 4.044,19 62.080,98 Reference area Brunei Darussalam 40.244,31 2011 20.274,38



EVALUATION PROCESS

- Testing Usability
- Testing Efficiency
- Testing Scalability
- Testing Effectiveness
- Compare with other tools(mention name of tools or show pictures)
- Put in info such as the number of users who conducted the study,



LinDa evaluation: Architecture Diagram

