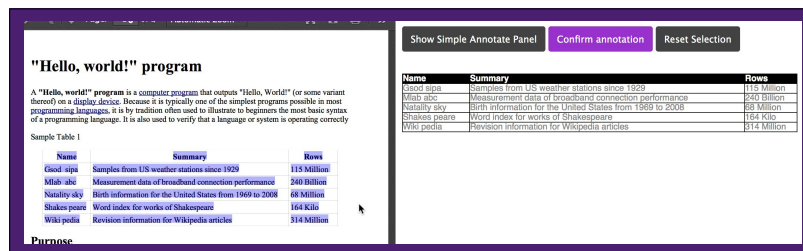
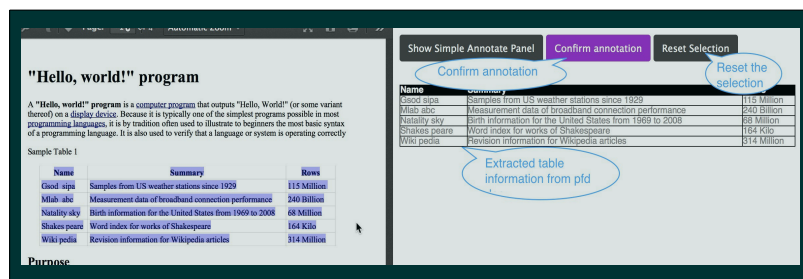


THIS TOOLS IS A RESEARCH EFFORT FOR ANNOTATING TEXT AND TABULAR INFORMATION IN A PDF DOCUMENT VIA CROWDSOURCING . IT ALSO FACILITATE A USER TO ANNOTATE TABULAR INFORMATION USING DATACUBE RDF VOCABULARY. WHERE DATA CUBE ACTUALLY THE TRANSFORM REPRESENTATION OF THE TABULAR INFORMATION THAT HAS BEEN ANNOTATE.



ANNOTATION WINDOW



DATACUBE RDF SEGMENT OF TRANSFORMED TABLE INFO

http://example.org/ns/table1R3C2	http://eisAnnotation/#value	"Birth information for the United States from 1969 to 2008"
http://example.org/ns/table1R5C2	http://eisAnnotation/#value	"Revision information for Wikipedia articles"
http://example.org/ns/table1R1C2	http://eisAnnotation/#value	"Samples from US weather stations since 1929"
http://example.org/ns/table1R4C2	http://eisAnnotation/#value	"Word index for works of Shakespeare"
http://example.org/ns/table1R2C2	http://eisAnnotation/#value	"Measurement data of broadband connection performance"
http://example.org/ns/table1R4C3	http://eisAnnotation/#value	"164 Kilo"
http://example.org/ns/table1R2C3	http://eisAnnotation/#value	"240 Billion"
http://example.org/ns/table1R5C3	http://eisAnnotation/#value	"314 Million"
http://example.org/ns/table1R3C3	http://eisAnnotation/#value	"68 Million"
http://example.org/ns/table1R1C1	http://eisAnnotation/#value	"Good sipa"
http://example.org/ns/table1R2C1	http://eisAnnotation/#value	"Mlab abc"
http://example.org/ns/table1R3C1	http://eisAnnotation/#value	"Natality sky"
http://example.org/ns/table1R4C1	http://eisAnnotation/#value	"Shakes peare"
http://example.org/ns/table1R5C1	http://eisAnnotation/#value	"Wiki pedia"
http://example.org/ns/table1R1C3	http://eisAnnotation/#value	"115 Million"

TECHNOLOGY USED

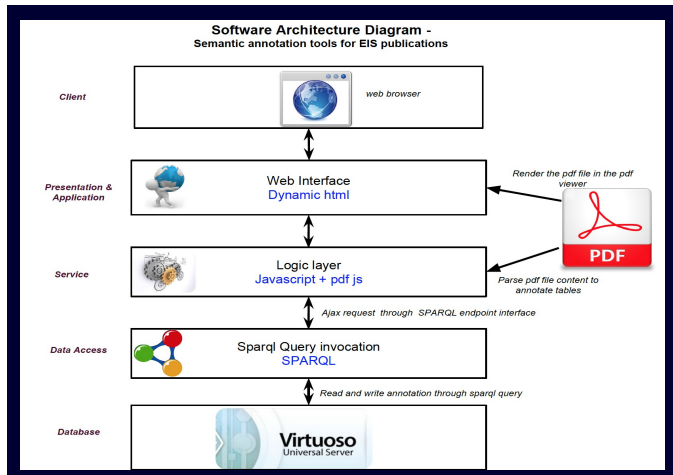
- VirtuosoUniversal Server
- SPARQL as a query
- JavaScript+ Html
- Pdf.js as rendering
- Qunit as javascript test environment
- Data Cube (<http://www.w3.org/TR/vocab-data-cube/>)

PHYSICAL WORK STATION



Hostname: EIS-01

Description: Physical PC at Uni Bonn
OS: Windows 7 Enterprise SP1 64bit
RAM: 16 GB (14 GB Free)
CPU: Intel Core i7-4770 @3.4GHz
HDD: (C:) 240 GB & (L:) 930 GB
IP Address: 131.220.153.88



SETUP / INSTALLATION PROCESS

- Install virtuoso universal server
- Download the code from git repo
- In the downloaded directory open the index.html in any browser.
- For details set up please see the git hub link section in the bellow.

VIRTUOSO SETTING



- Make sure that virtuoso endpoint is listening at <http://localhost:8890/>
- Login as admin (user: dba, pass: ***) in the backend (<http://localhost:8890/conductor/>)
- Update write permission settings for user : sparql
- Enable CORS for the Data Access of JS client

VM SETTINGS



OS: Ubuntu 14.04 LTS - 17/April/2014
RAM: 1 GB (possible increase)
CPU: 2 Virtual CPUs @3.4GHz
HDD: 15 GB (8GB free + possible increase)

PROJECT'S GIT HUB LINKS



- Code link: <https://github.com/saifulnipo/eis-semantic-annotation>
- Documentation link : <https://github.com/saifulnipo/eis-semantic-annotation/wiki>
- Release note : <https://github.com/saifulnipo/eis-semantic-annotation/releases>