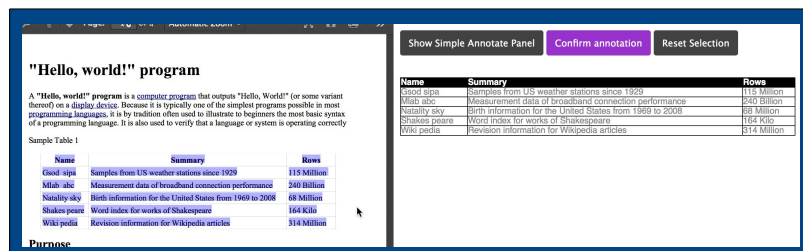
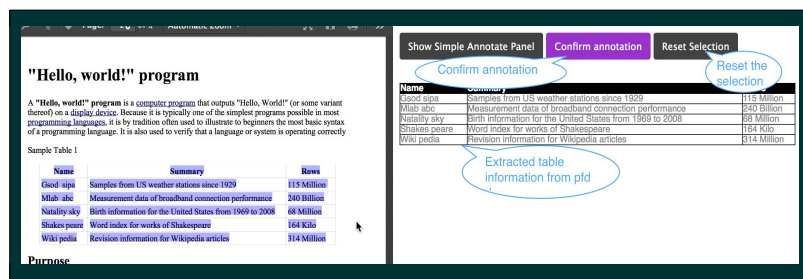


THIS TOOLS IS A RESEARCH EFFORT FOR ANNOTATING TEXT AND TABULAR INFORMATION IN A PDF DOCUMENT VIA CROWDSOURCING . IT ALSO FACILITATE A USER TO ANNOTATE TABULAR INFORMATION USING DATACUBE RDF VOCABULARY. WHERE DATA CUBE ACTUALLY THE TRANSFORM REPRESENTATION OF THE TABULAR INFORMATION THAT HAS BEEN ANNOTATE.



## ANNOTATION WINDOW



### DATAcube RDF SEGMENT OF TRANSFORMED TABLE INFO

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

## TECHNOLOGY USED

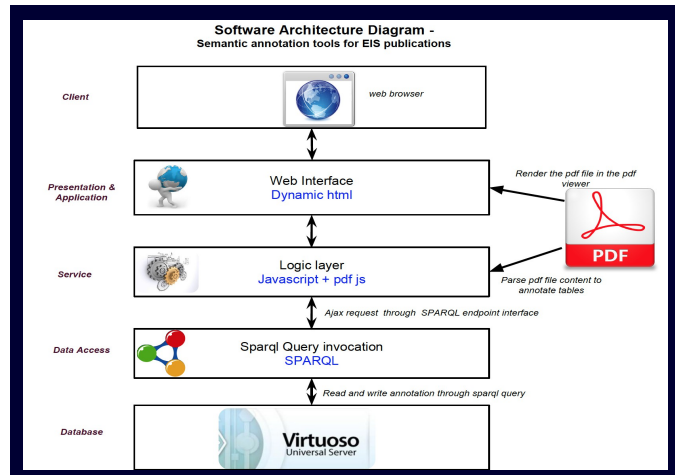
- VirtuosoUniversal Server
- SPARQL as a query
- JavaScript+ Html
- Pdf.js as rendering
- Qunit as javascript test environment
- Data Cube (<http://www.w3.org/TR/vocab-data-cube/>)

## 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>