VocBench
Getting Started
Installation and First Thesaurus

Phil Stacey
https://www.linkedin.com/in/phil-stacey-icijob-1b61b143/

Eugene Morozov
@eugenemorozov
https://www.linkedin.com/in/emorozov/
By the end of this workshop you can install and run VocBench on your machine and build a simple thesaurus.
VocBench

- Web-based collaboration tool for management of taxonomies, thesauri and ontologies based on W3C linked data standards such as SKOS and OWL
- Ensures consistency and enables collaboration
- Designed for maintainers, but there are many use cases
- Used when authoring, browsing and retrieving concepts
- Browser-based client with separate server and storage components
- Run on your own servers or use any of the cloud providers
Docker

- Platform for developing, shipping, and running applications
- Ensures isolation of applications from each other and infrastructure to streamline development and deployment
- Designed for developers and operations users
- Use it when packaging and deploying applications
Just Enough Docker Architecture

More info: https://docs.docker.com/get-started/overview/
Just Enough Docker Architecture

Docker Desktop (localhost)

- Command line client
  - `docker build`
  - `docker pull`
  - `docker run`

- GUI client
  - RUN

Docker server

- `docker daemon`
- Containers
- Images

Docker registry

Docker Hub (hub.docker.com)

More info: https://docs.docker.com/get-started/overview/
Step 1 - Pulling VocBench Image (1/2)
Step 1 - Pulling VocBench Image (1/2)
Step 2 - Running VocBench Container (1/4)
Step 2 - Running VocBench Container (2/4)
Step 2 - Running VocBench Container (3/4)
### Step 2 - Running VocBench Container (4/4)

#### Docker Container Management

<table>
<thead>
<tr>
<th>Logs</th>
<th>Inspect</th>
<th>Stats</th>
</tr>
</thead>
</table>

Remote SPIRQL Endpoints: []

Data dump: []

Adding data located at: bundles://12D.0.10/META-INF/kit.uniroma2.art.maple/access_implementations.ttl


ST Started
Step 3 - Setting Up VocBench (1/5)
Step 3 - Setting Up VocBench (1/5)
Step 3 - Setting Up VocBench (1/5)
Step 3 - Setting Up VocBench (1/5)
Step 3 - Setting Up VocBench (1/5)
Step 4 - Creating First Project (1/2)
Step 4 - Creating First Project (2/2)
Step 5 - Creating Concept Scheme (1/2)
Step 5 - Creating Concept Scheme (2/2)
Step 5 - Creating Top Concept (1/3)
Step 5 - Creating Top Concept (2/3)
Step 5 - Creating Top Concept (3/3)
Possible Next Topics

- Docker setup troubleshooting
- Creating and managing concepts
- SPARQL Queries
- Importing data
- Validation
- Reporting
- Graph visualization
- SKOS Collections