ISKO UK Meetup

Semantic Web London

VocBench Getting Started

Installation and First Thesaurus

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By the end of this workshop you can install and run VocBench on your machine and build a simple thesaurus

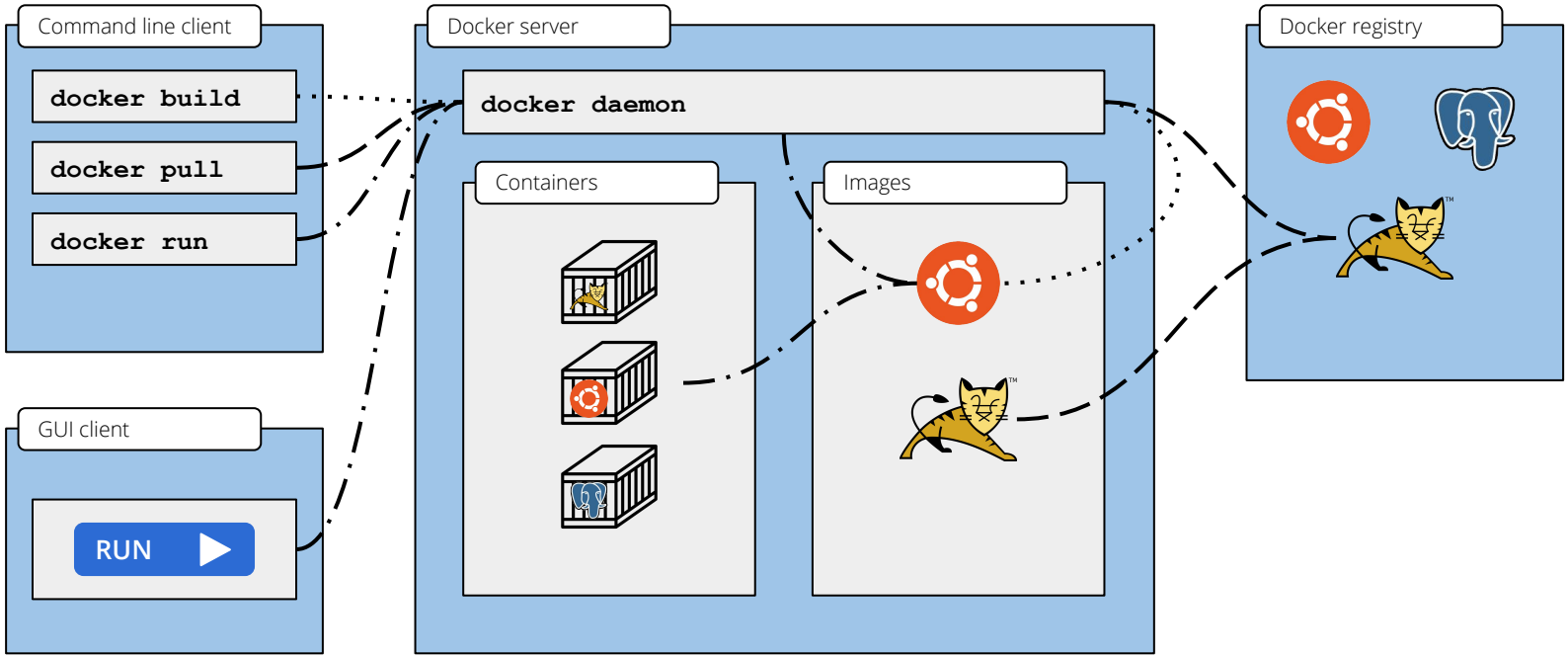
VocBench

- 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/

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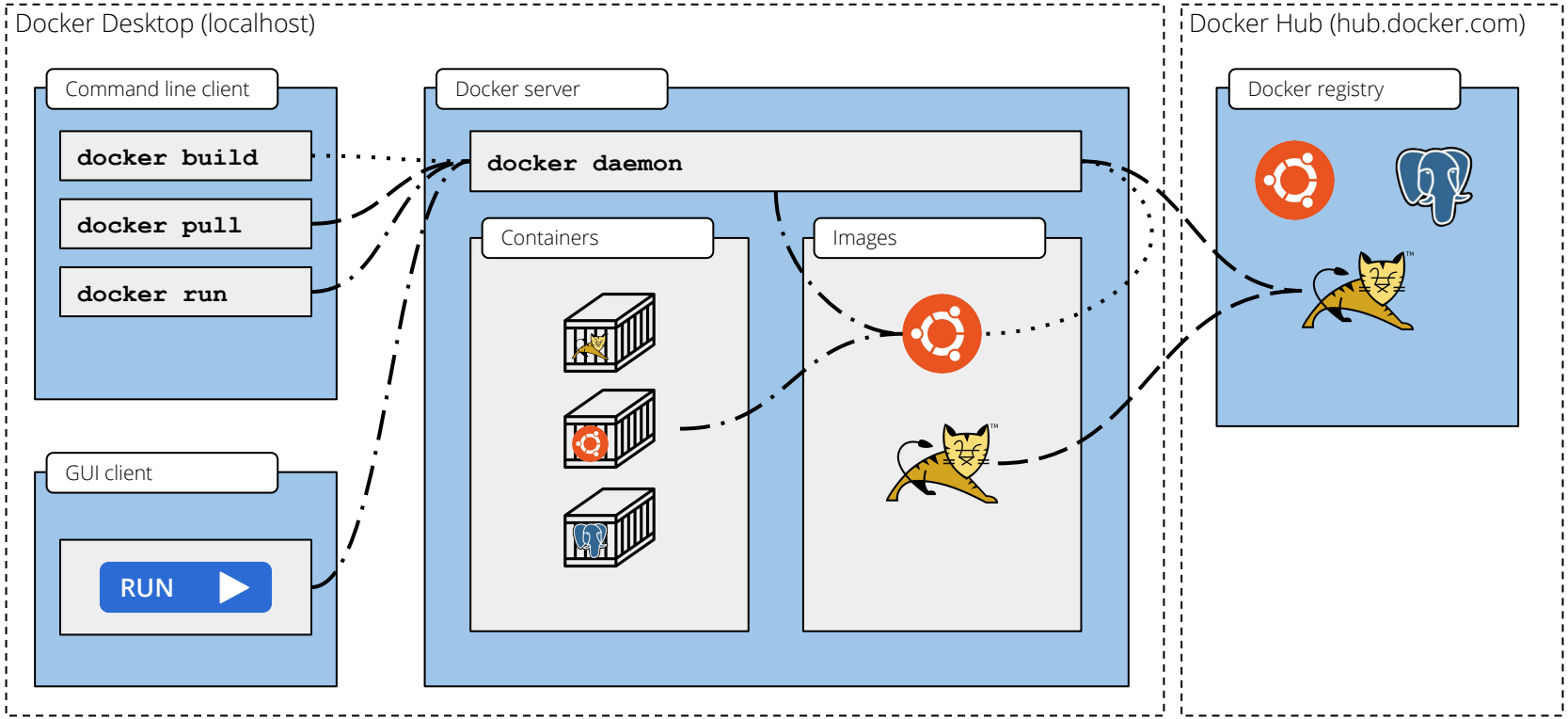

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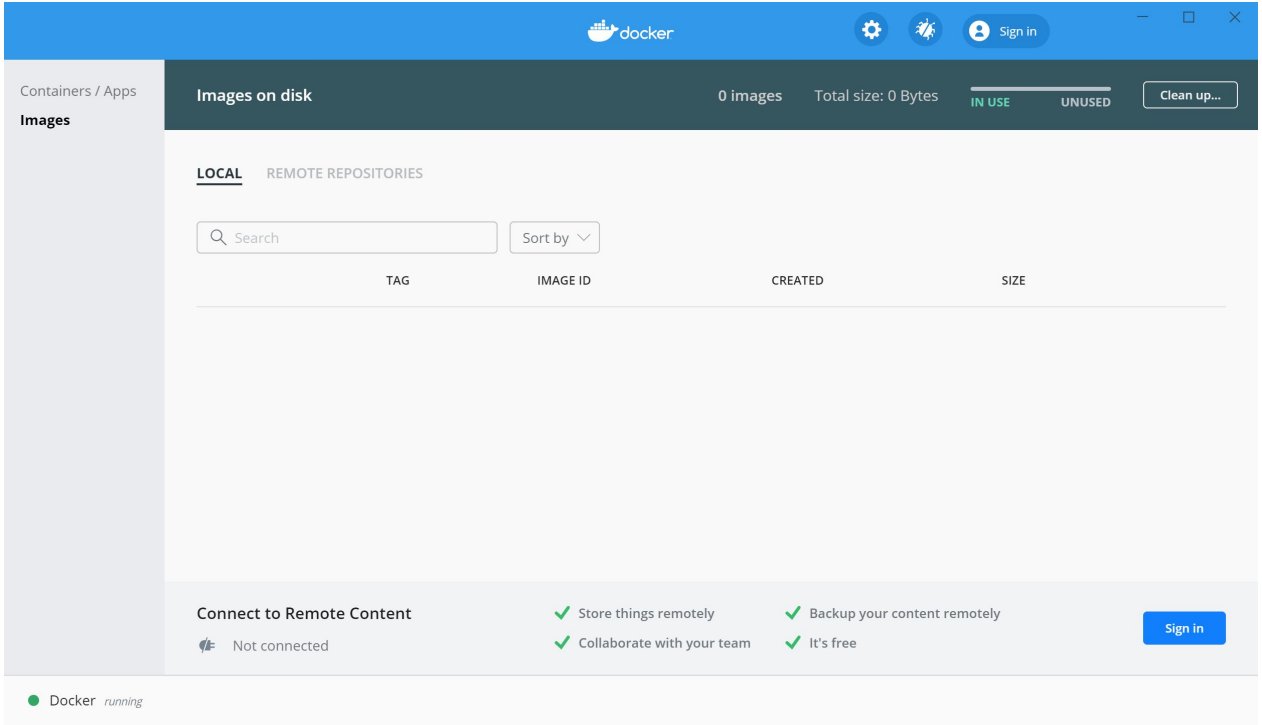
Step 1 - Pulling VocBench Image (1/2)



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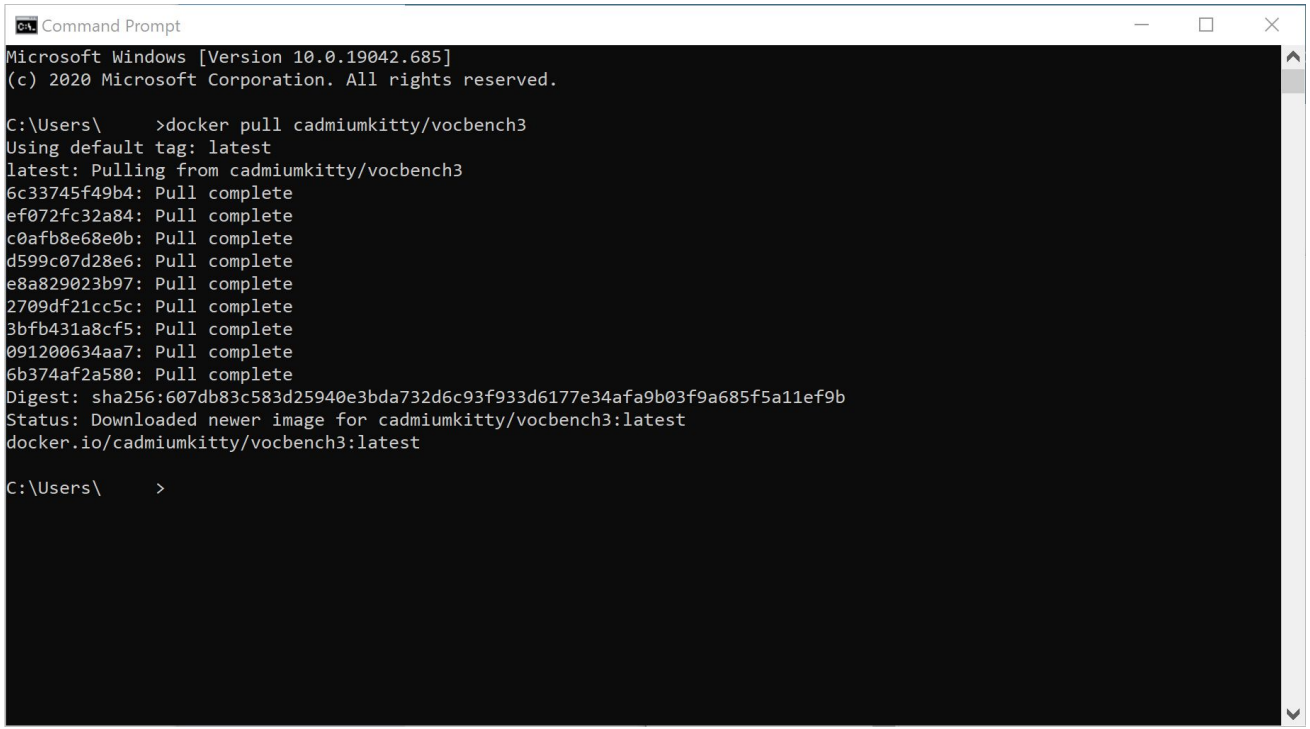
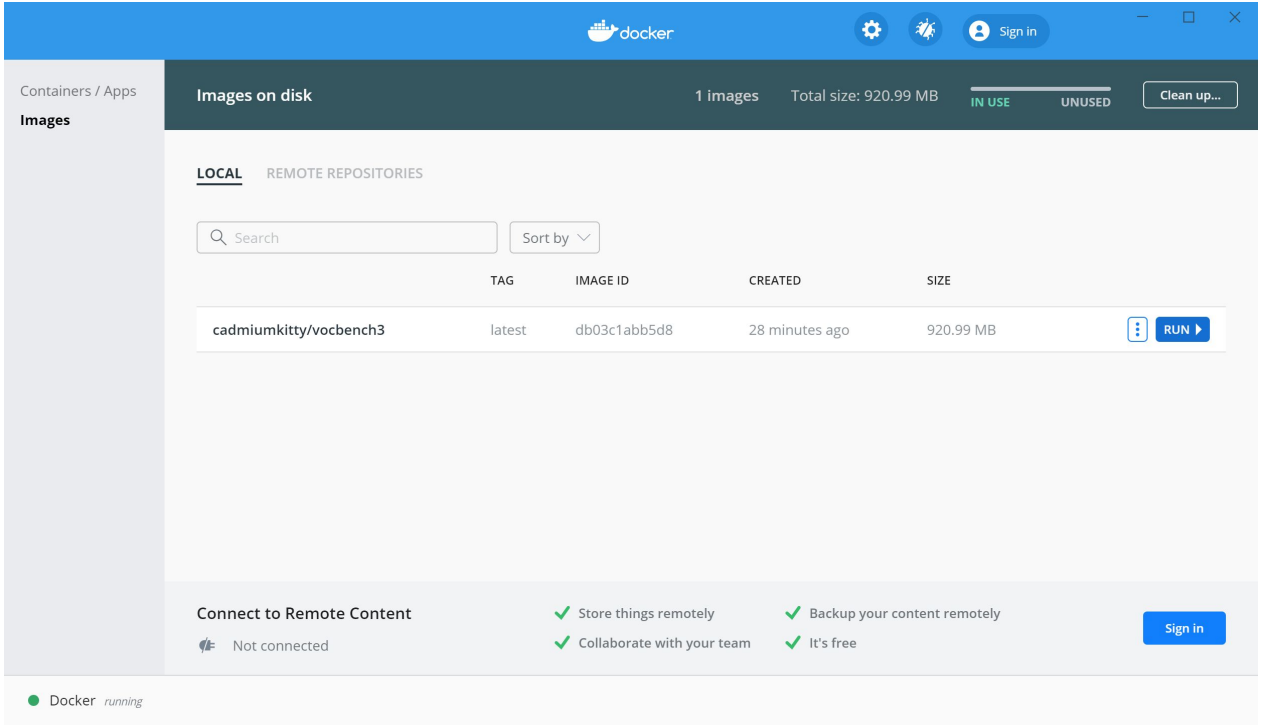
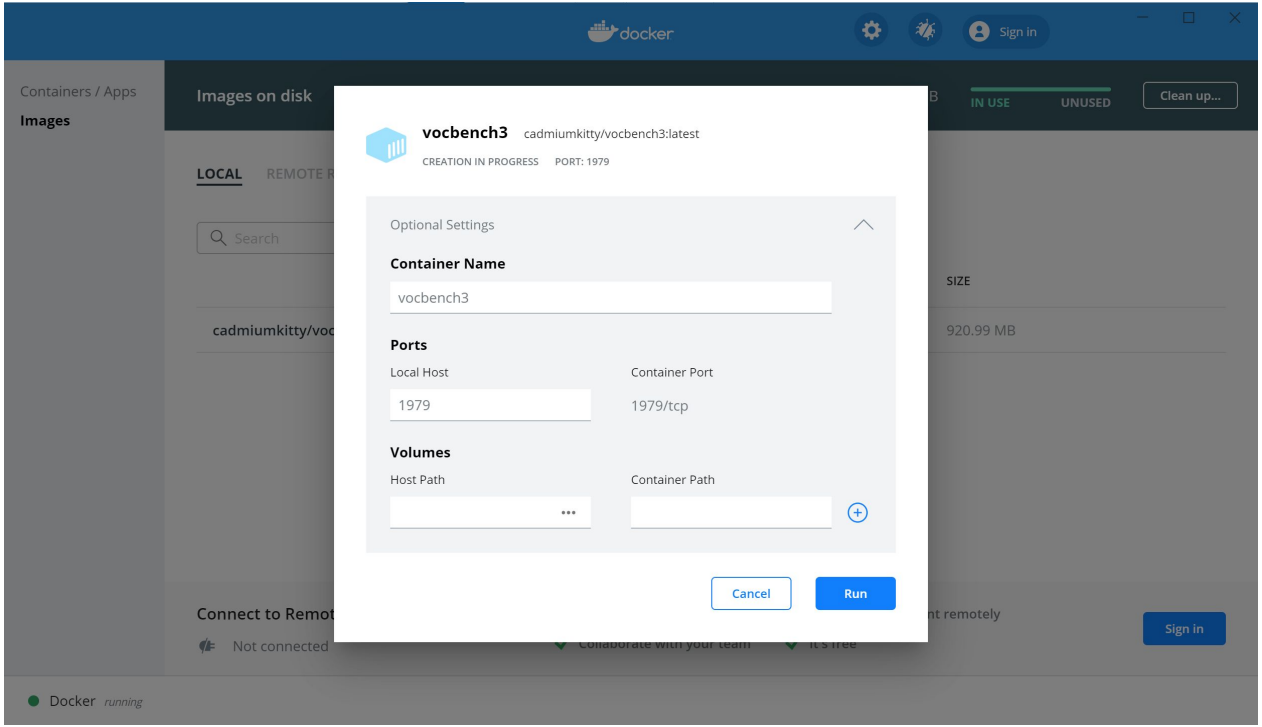


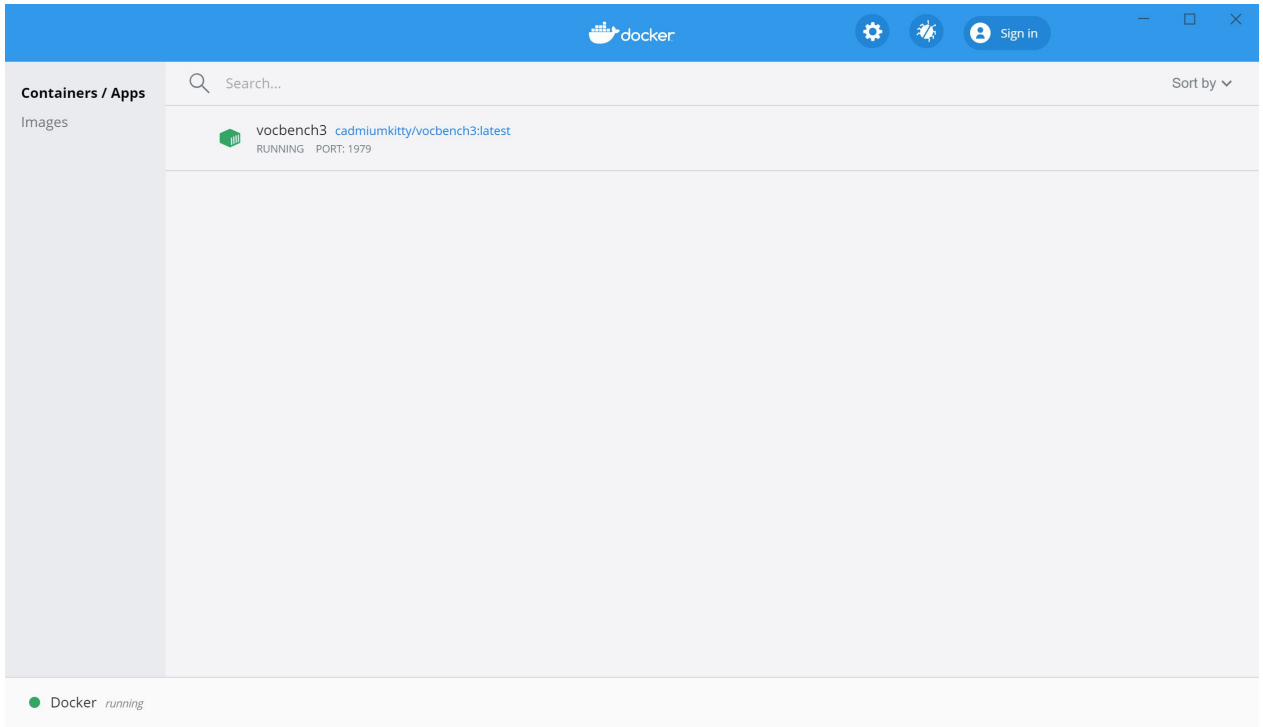
Step 2 - Running VocBench Container (1/4)



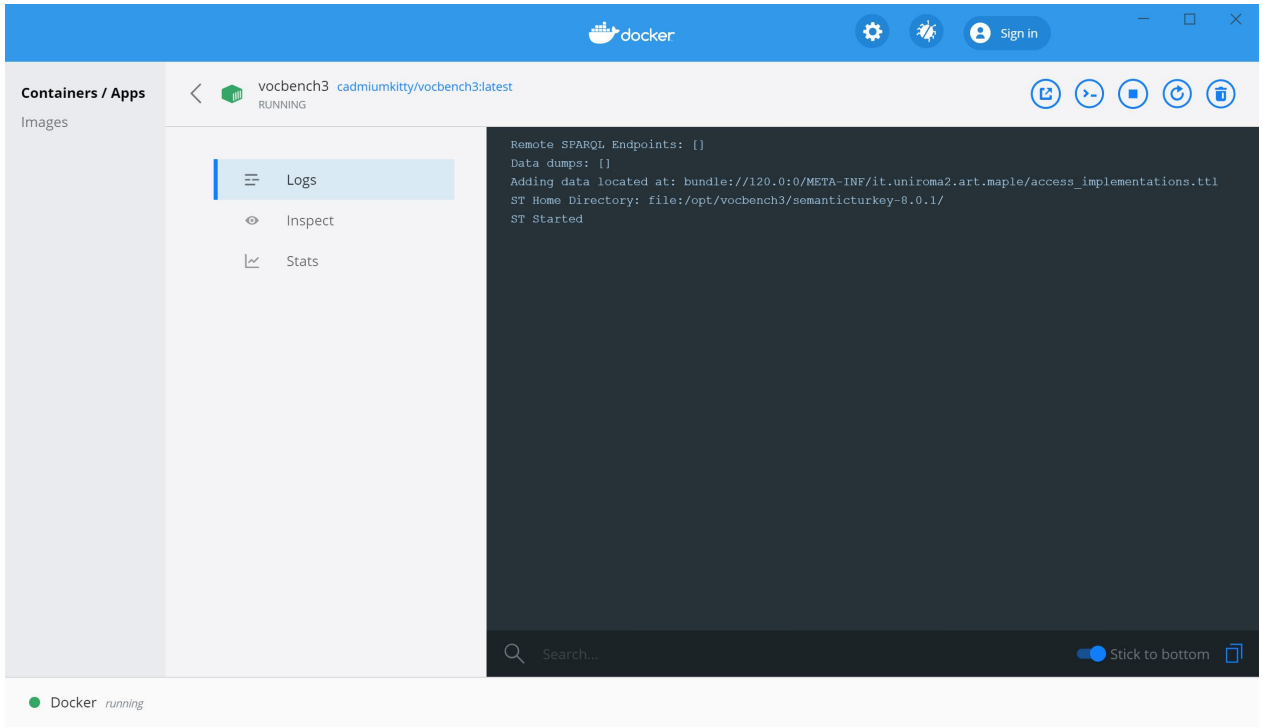
Step 2 - Running VocBench Container (2/4)



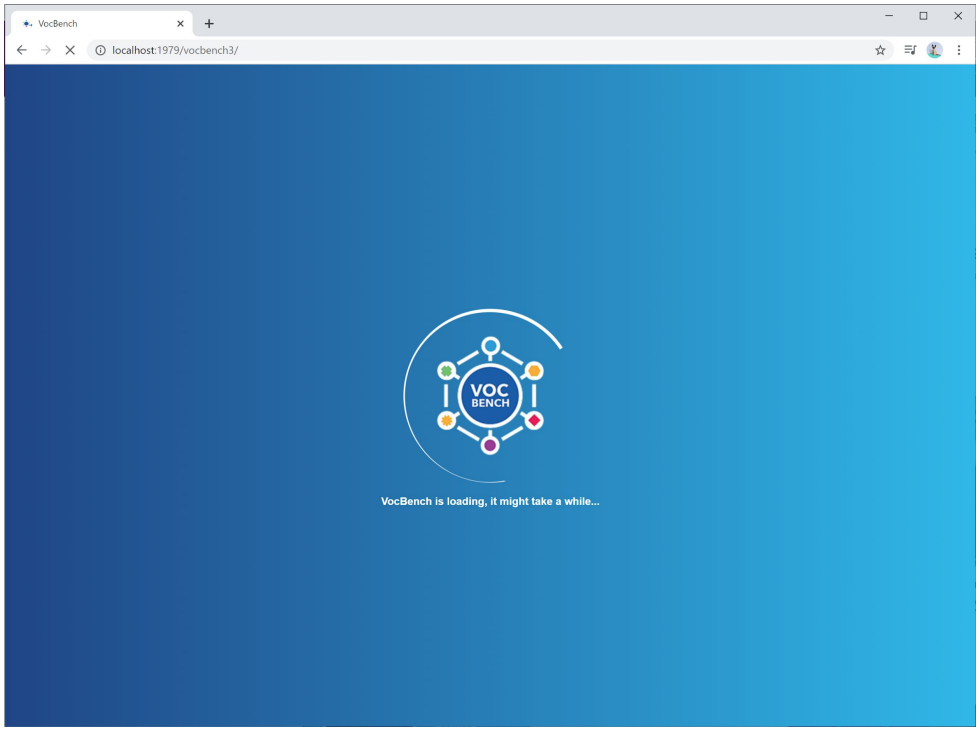
Step 2 - Running VocBench Container (3/4)



Step 2 - Running VocBench Container (4/4)



Step 3 - Setting Up VocBench (1/5)



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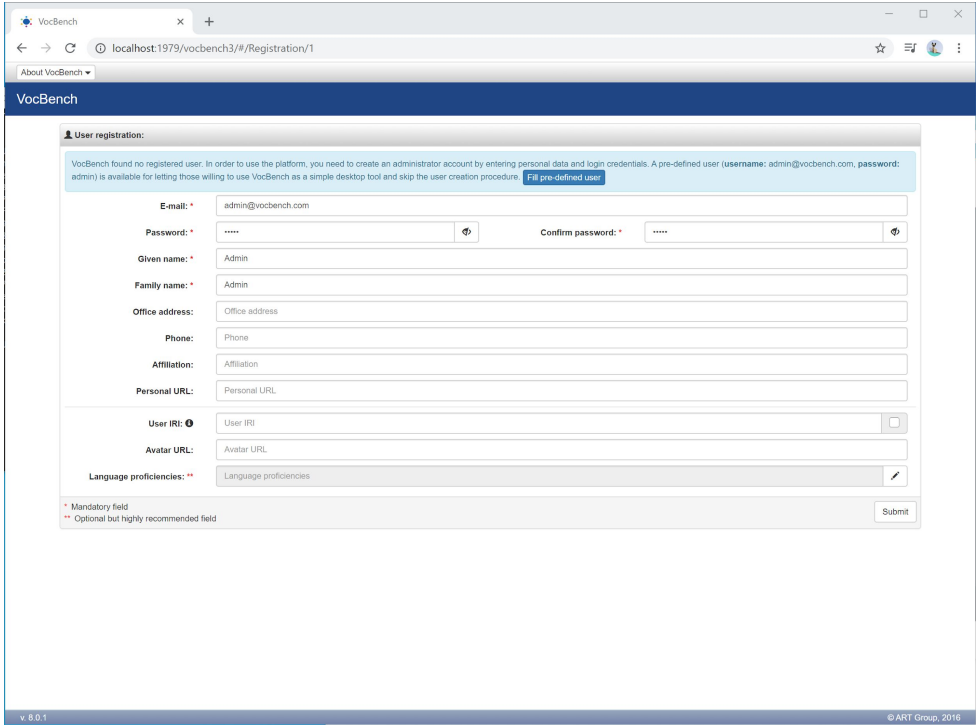

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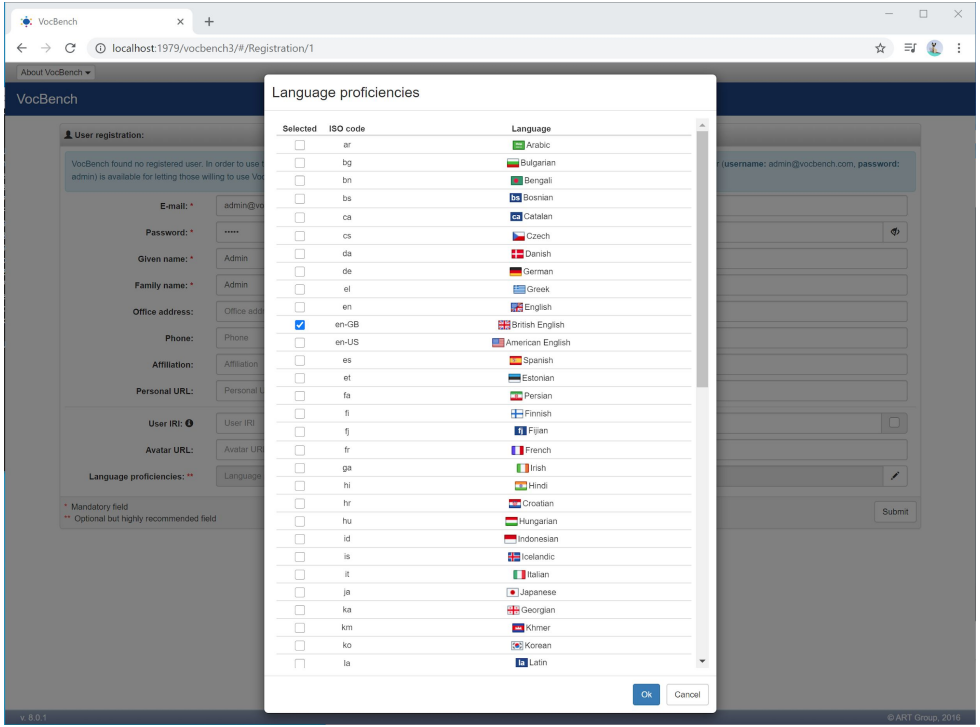

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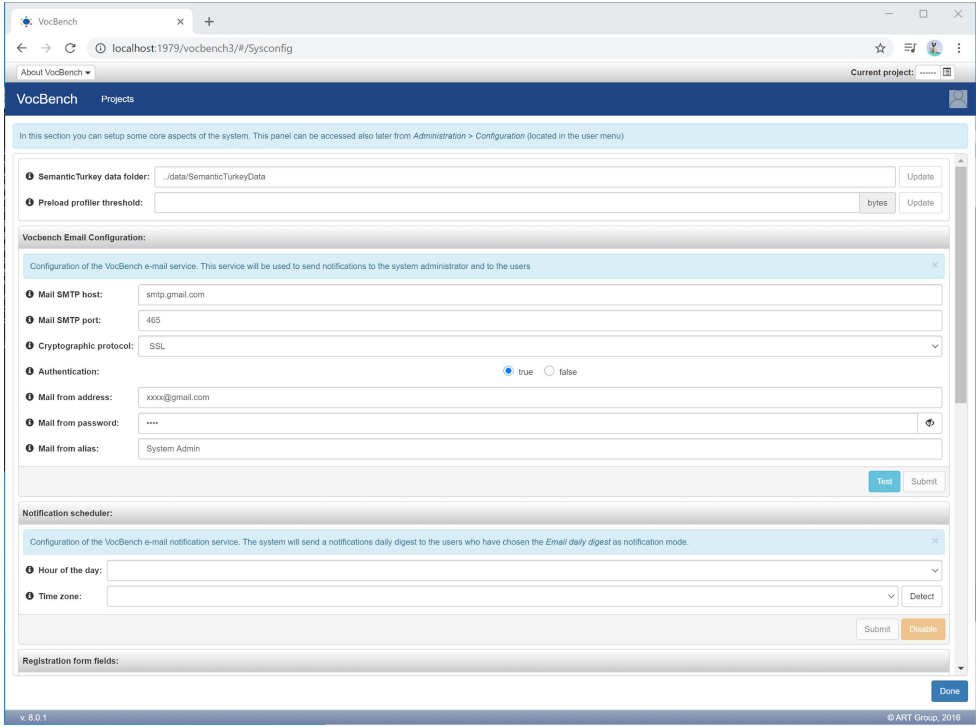

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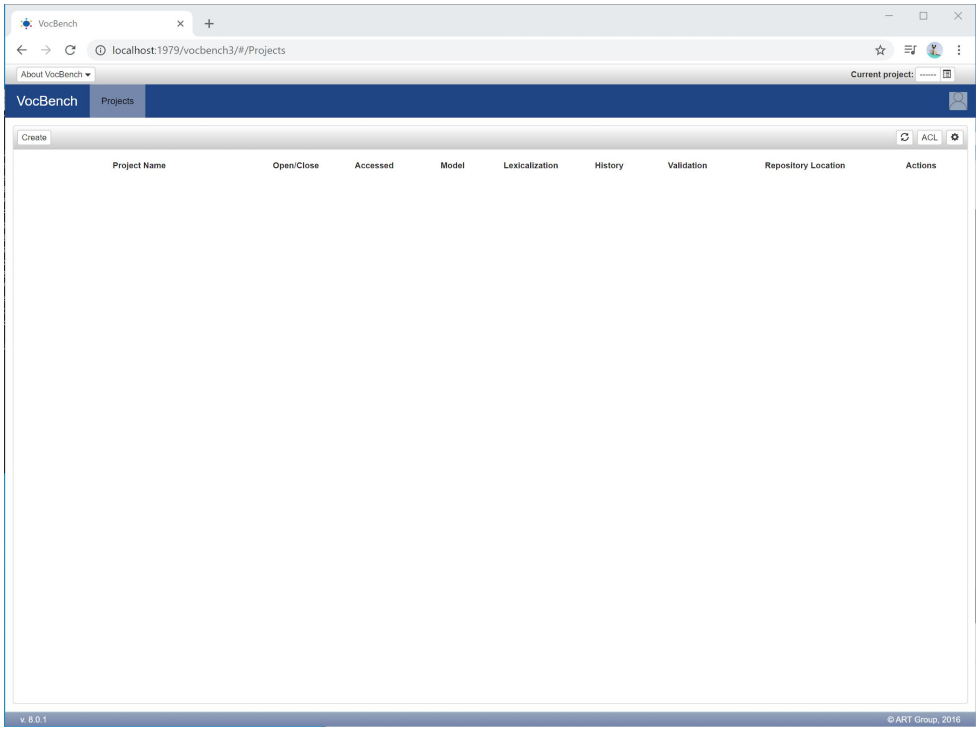
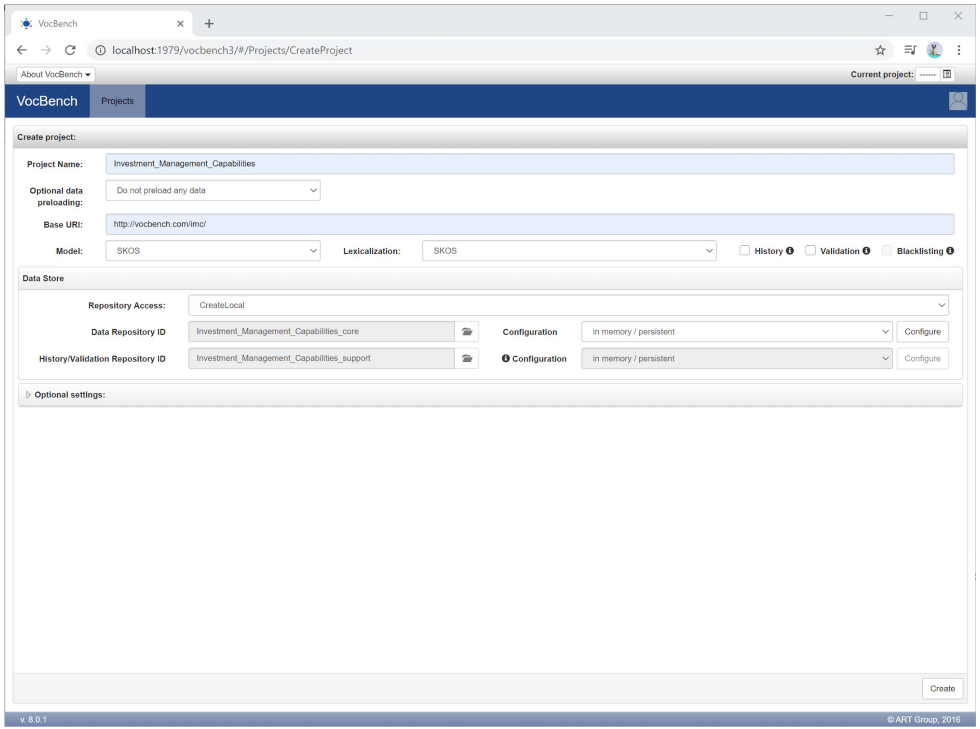
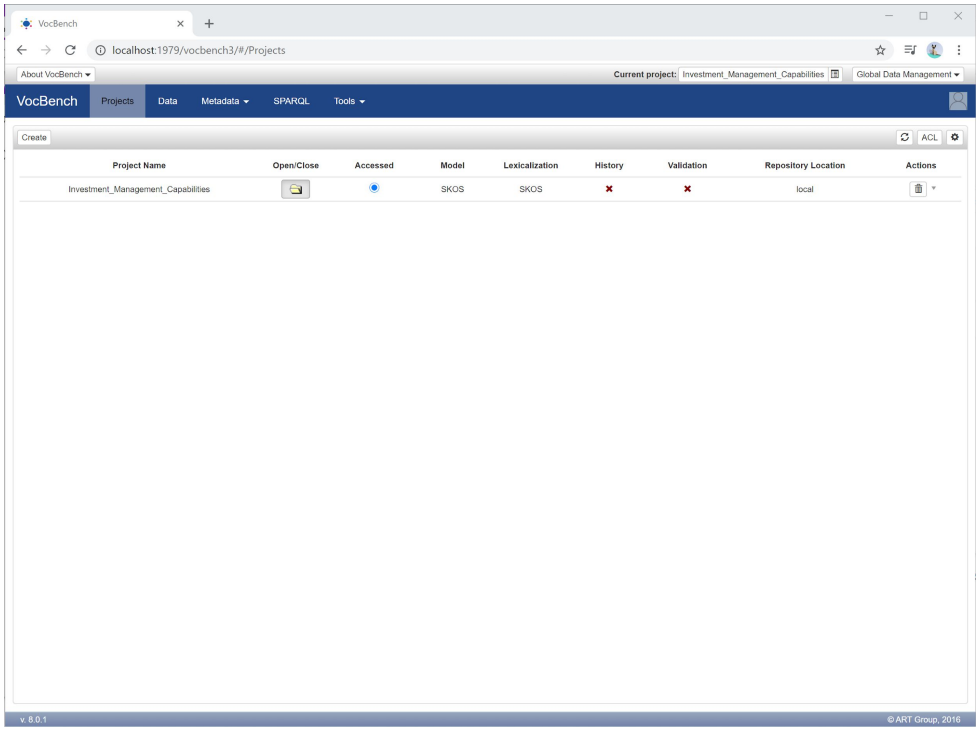


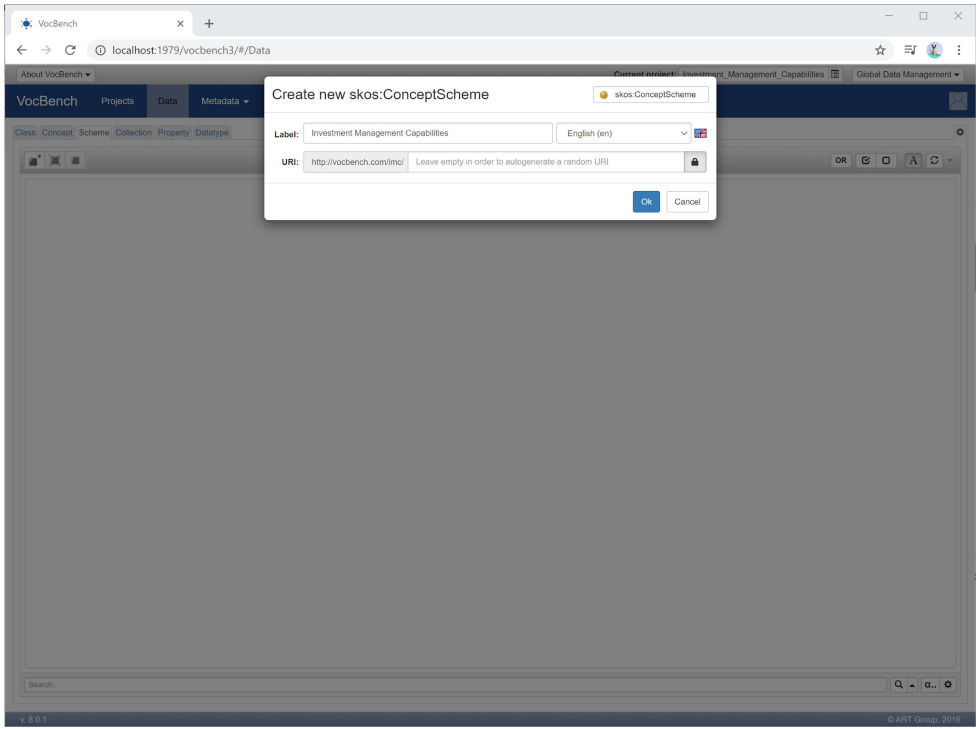
Step 4 - Creating First Project (1/2)



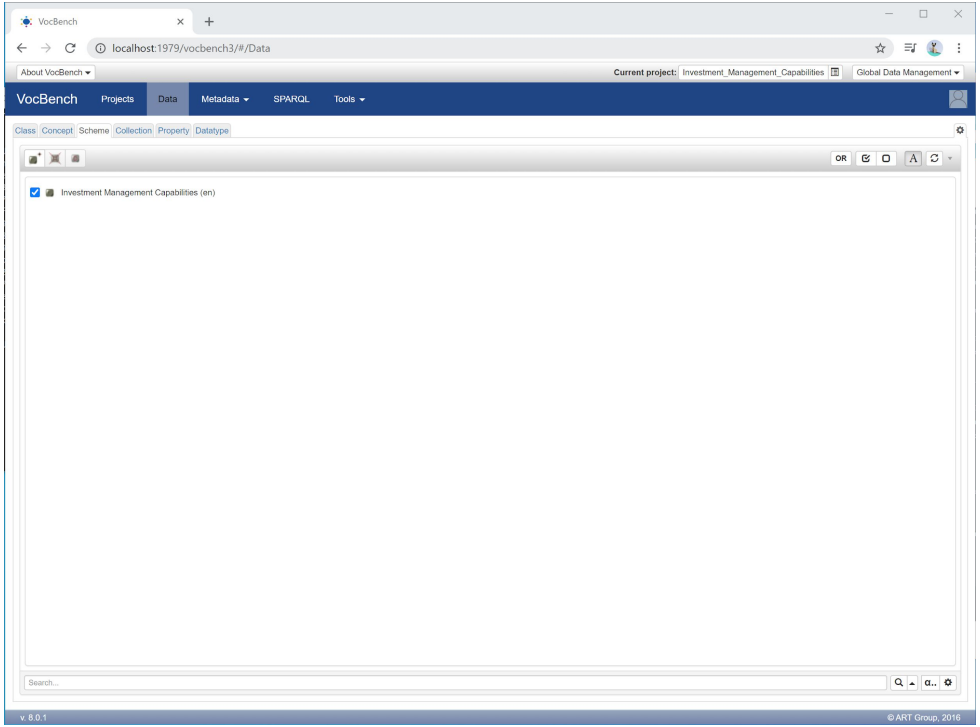
Step 4 - Creating First Project (2/2)



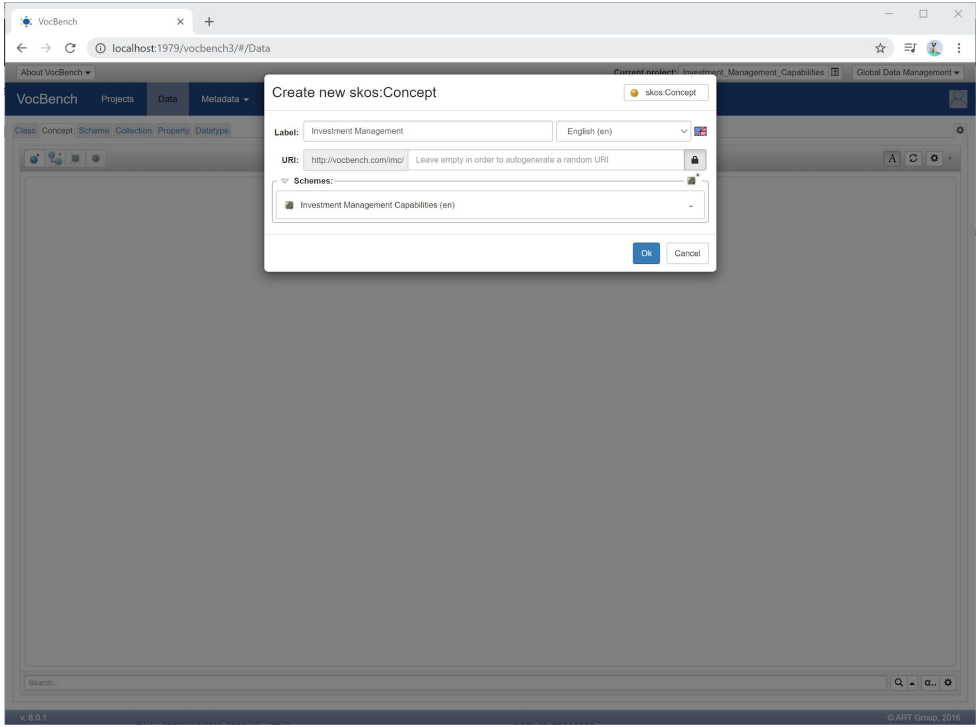
Step 5 - Creating Concept Scheme (1/2)



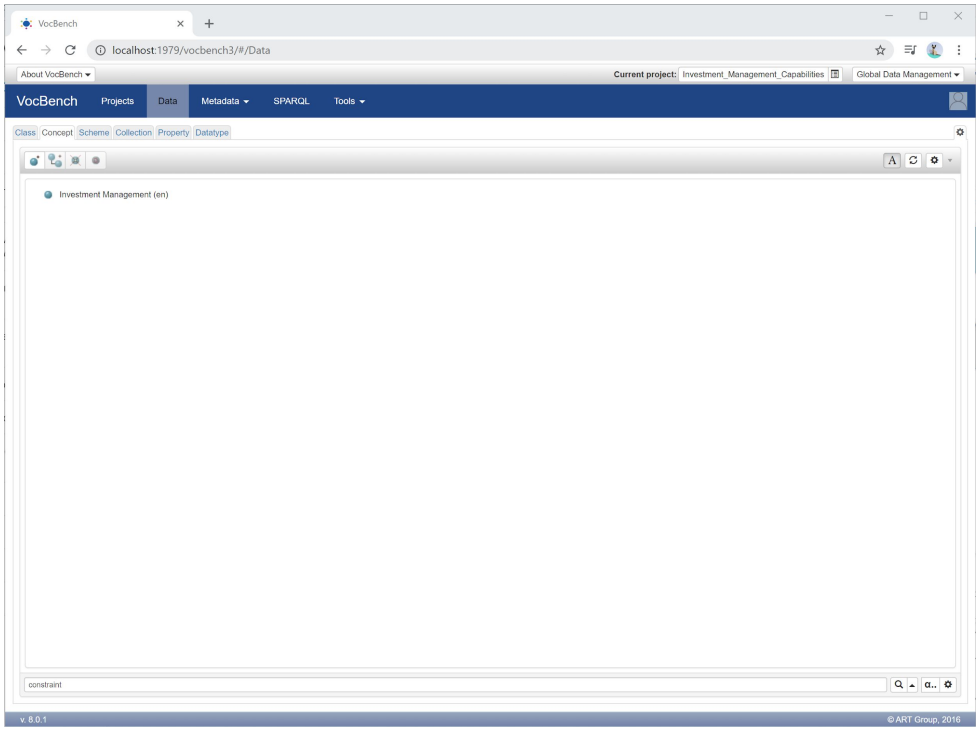
Step 5 - Creating Concept Scheme (2/2)



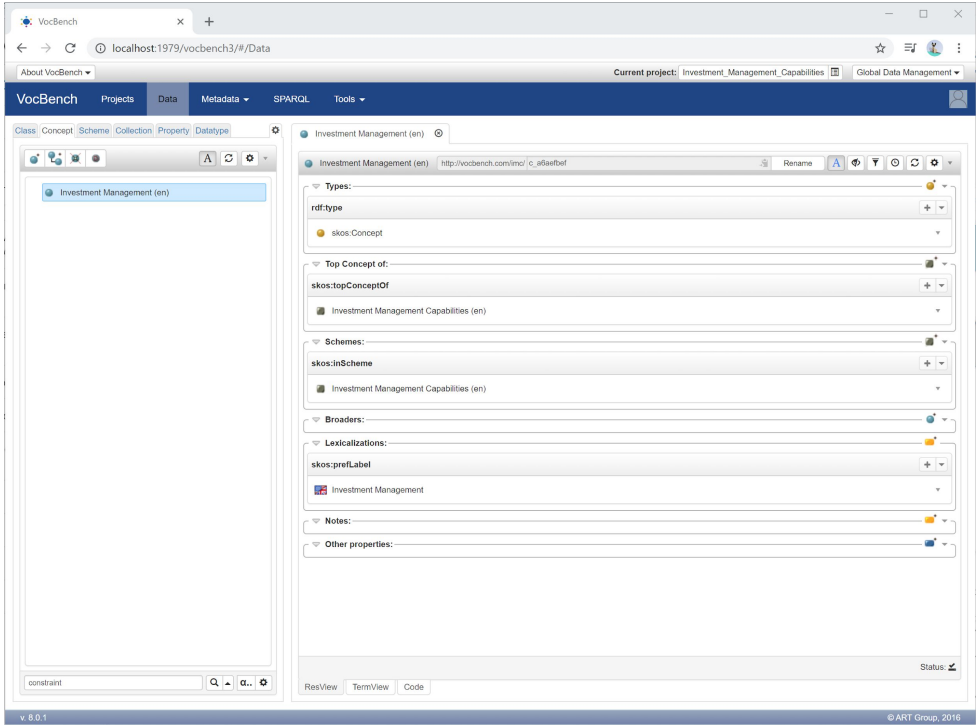
Step 5 - Creating Top Concept (1/3)



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