ISKO UK Meetup

Semantic Web London

VocBench Data Import

With Sheet2RDF

Armando Stellato, Phil Stacey, Eugene Morozov

Open Source KO and Reference Data Stack

Taxonomy Management

Protégé

Taxonomy Publication

Skosmos

PMKI

jekyll

Subject Indexing

annif

Document Management

eprints
www.eprints.org

Linked Data Storage

rdf4j

By the end of this workshop series you'll be familiar with features of VocBench and have some hands-on experience with it.

VocBench Workshops Schedule

April 6th, 2021

Introducing VocBench

May 4th, 2021

VocBench Data Import with Sheet2RDF

June 1st, 2021

VocBench Vocabulary Versioning and Data Catalogue

VocBench instance available for the duration of the series

https://vocbench.subjectpredicateobject.com/vocbench3

We've pre-created usernames and passwords.
Send us a message on Zoom if you would like one to play along.

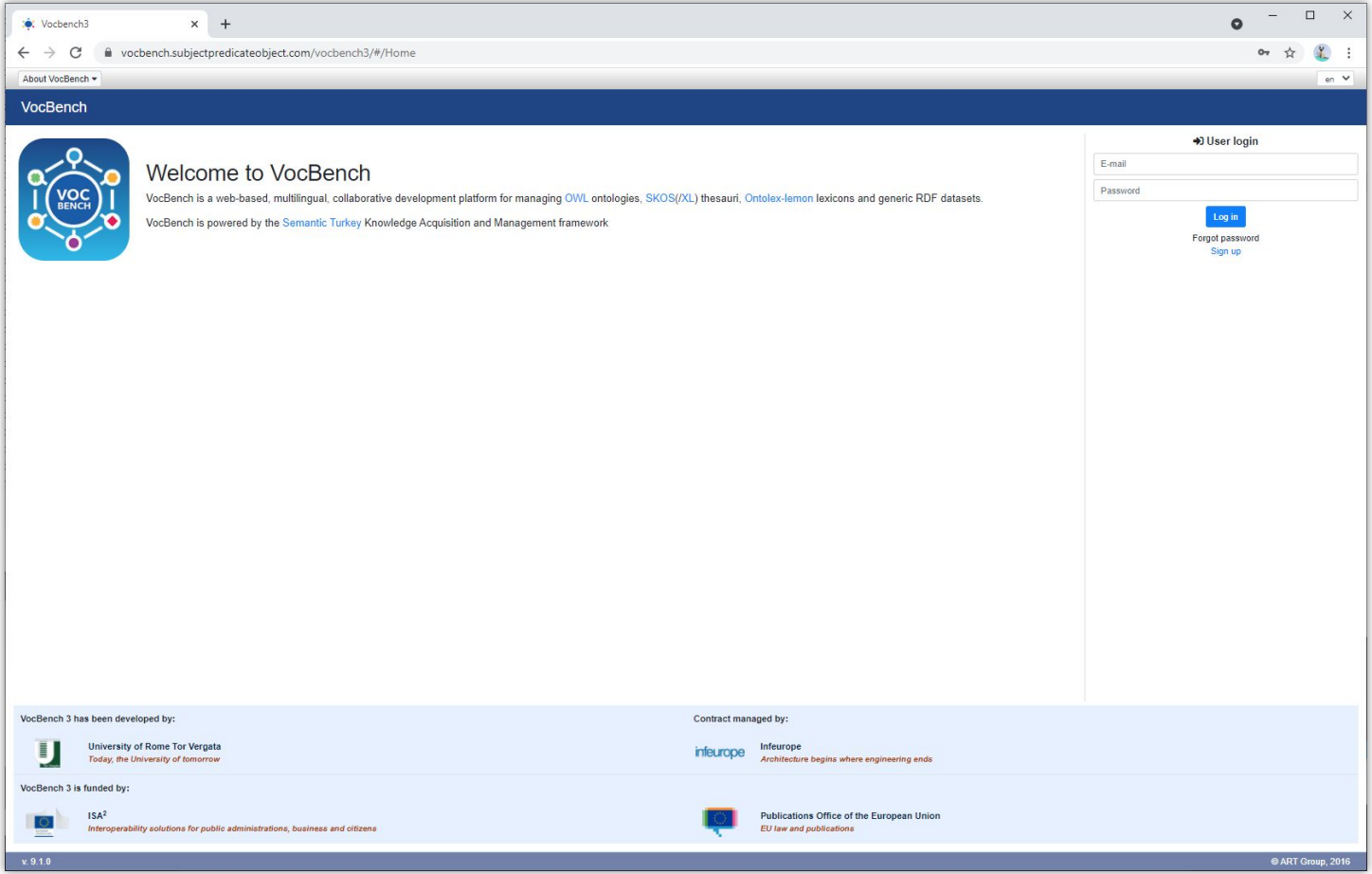
You can change password if you wish.
No personal details are used or stored.
Data for all projects used or created is encrypted.

Tutorial files are available on

https://github.com/iskouk/vocbench-workshop-202105/releases/tag/1.0.0

VocBench data import introduction and quick demo
by Armando Stellato

VocBench hands on
by Phil Stacey


Vocbench3
vocbench.subjectpredicateobject.com/vocbench3/#/Home
About VocBench
en
VocBench
Welcome to VocBench
VocBench is a web-based, multilingual, collaborative development platform for managing OWL ontologies, SKOS(/XL) thesauri, Ontolex-lemon lexicons and generic RDF datasets.
VocBench is powered by the Semantic Turkey Knowledge Acquisition and Management framework
User login
E-mail
Password
Log in
Forgot password
Sign up
VocBench 3 has been developed by:
University of Rome Tor Vergata
Today, the University of tomorrow
Contract managed by:
Infeurope
Architecture begins where engineering ends
VocBench 3 is funded by:
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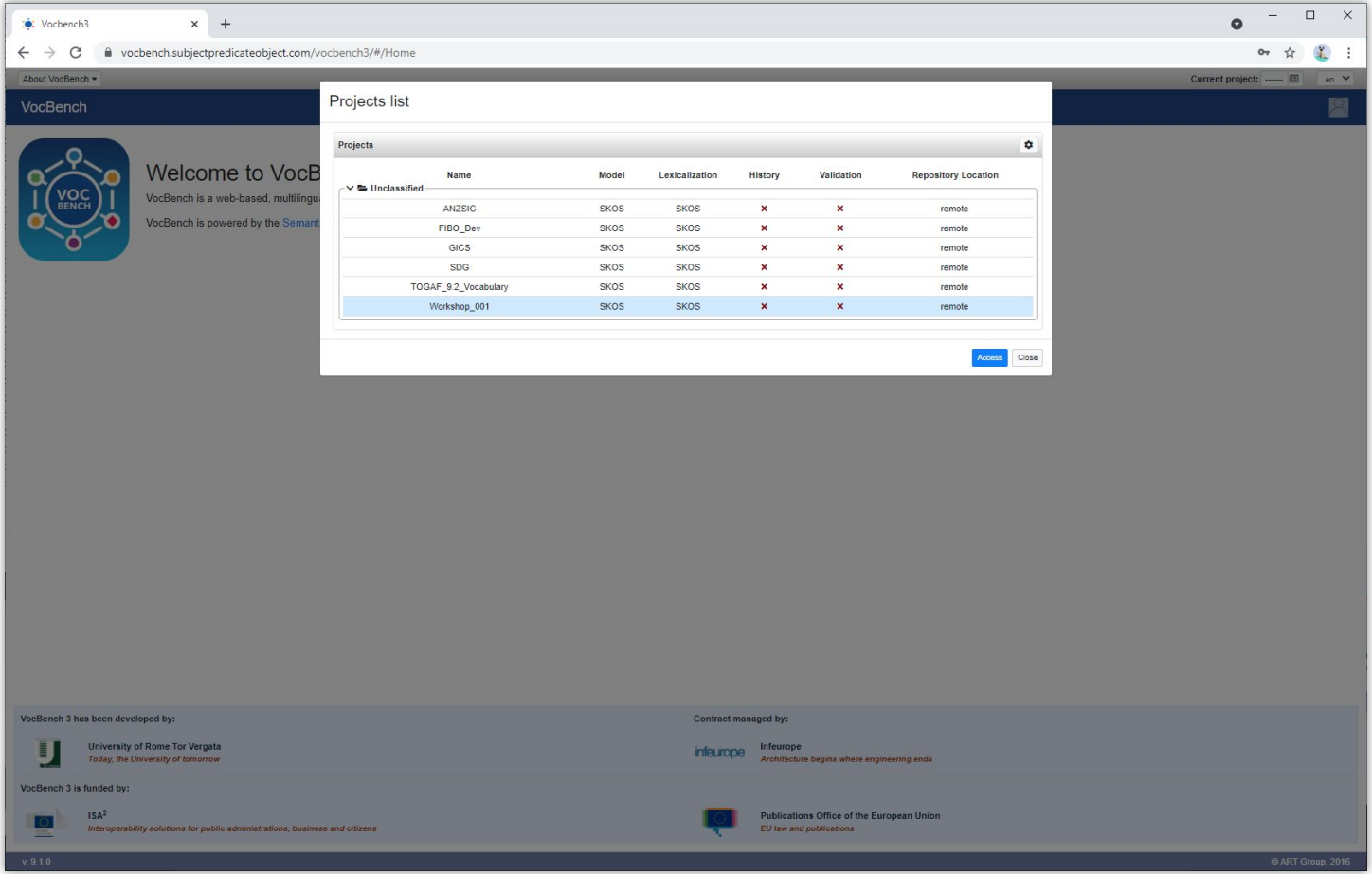
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History
Validation
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GICS SKOS SKOS remote
SDG SKOS SKOS remote
TOGAF_9.2_Vocabulary SKOS SKOS remote
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Close
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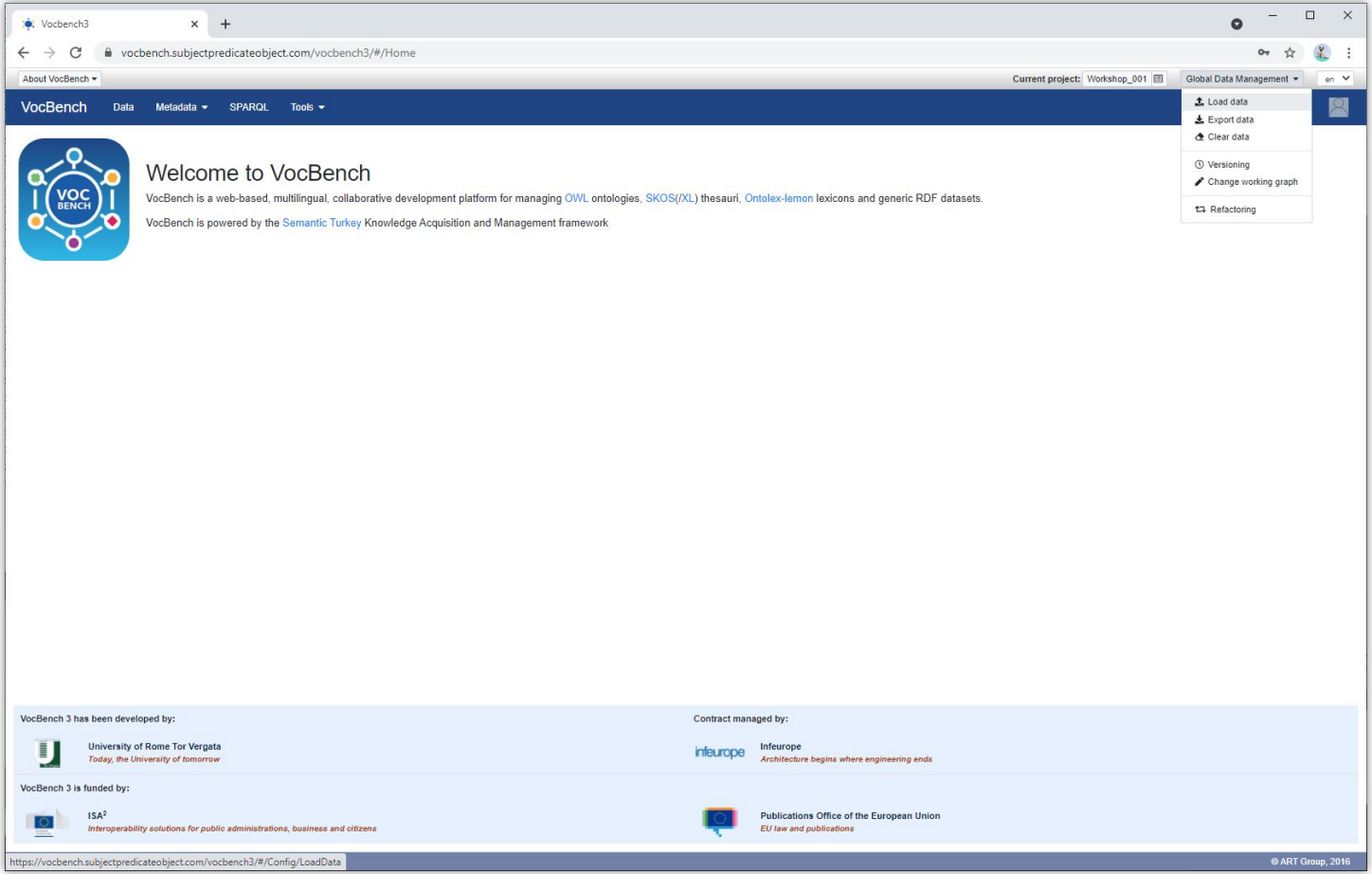
Vocbench3
vocbench.subjectpredicateobject.com/vocbench3/#/Home
About VocBench
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Export data
Clear data
Versioning
Change working graph
Refactoring
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https://vocbench.subjectpredicateobject.com/vocbench3/#/Config/LoadData
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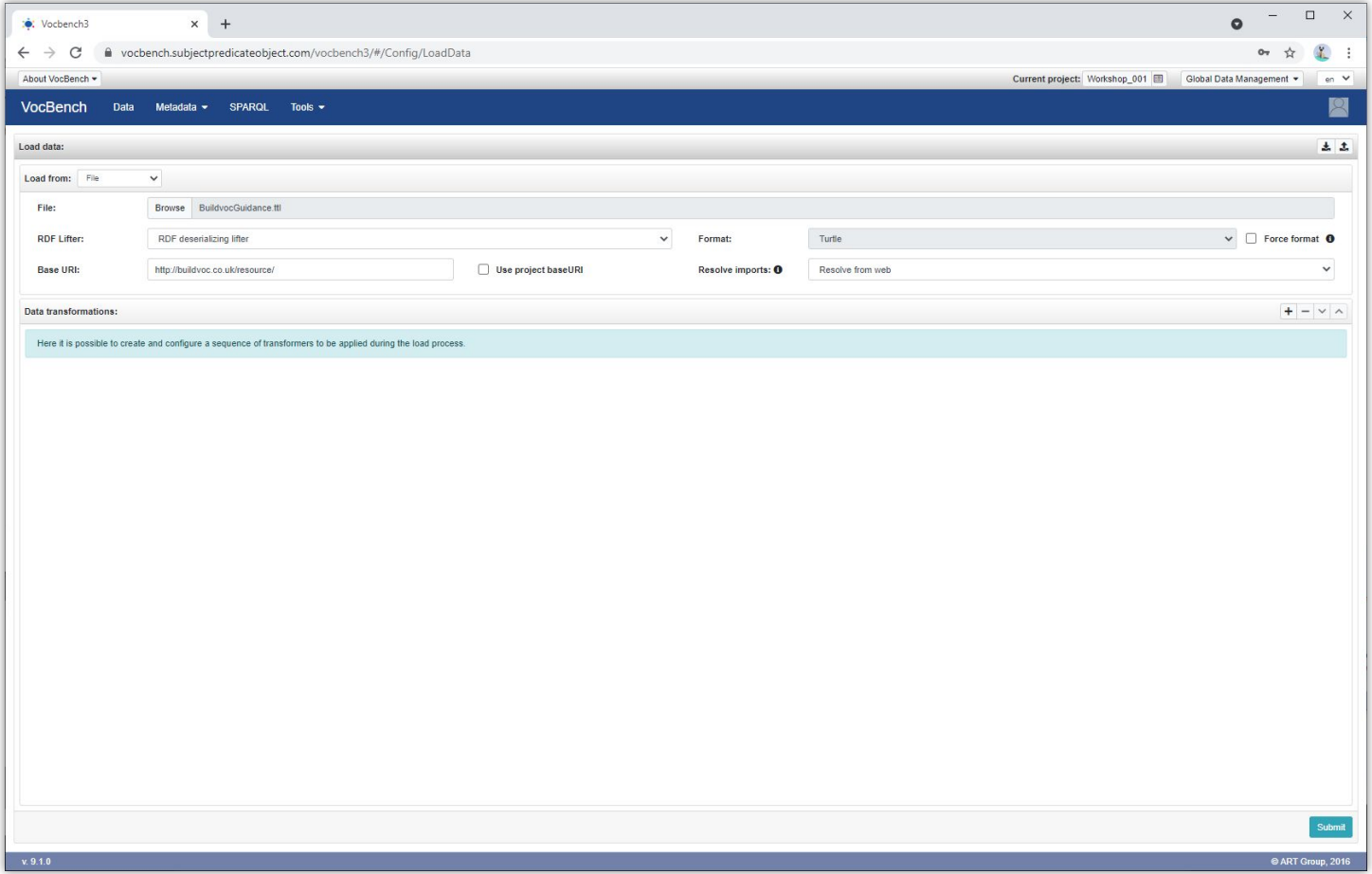
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vocbench.subjectpredicateobject.com/vocbench3/#/Config/LoadData
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Turtle
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Base URI:
http://buildvoc.co.uk/resource/
Use project baseURI
Resolve imports:
Resolve from web
Data transformations:
Here it is possible to create and configure a sequence of transformers to be applied during the load process.
Submit
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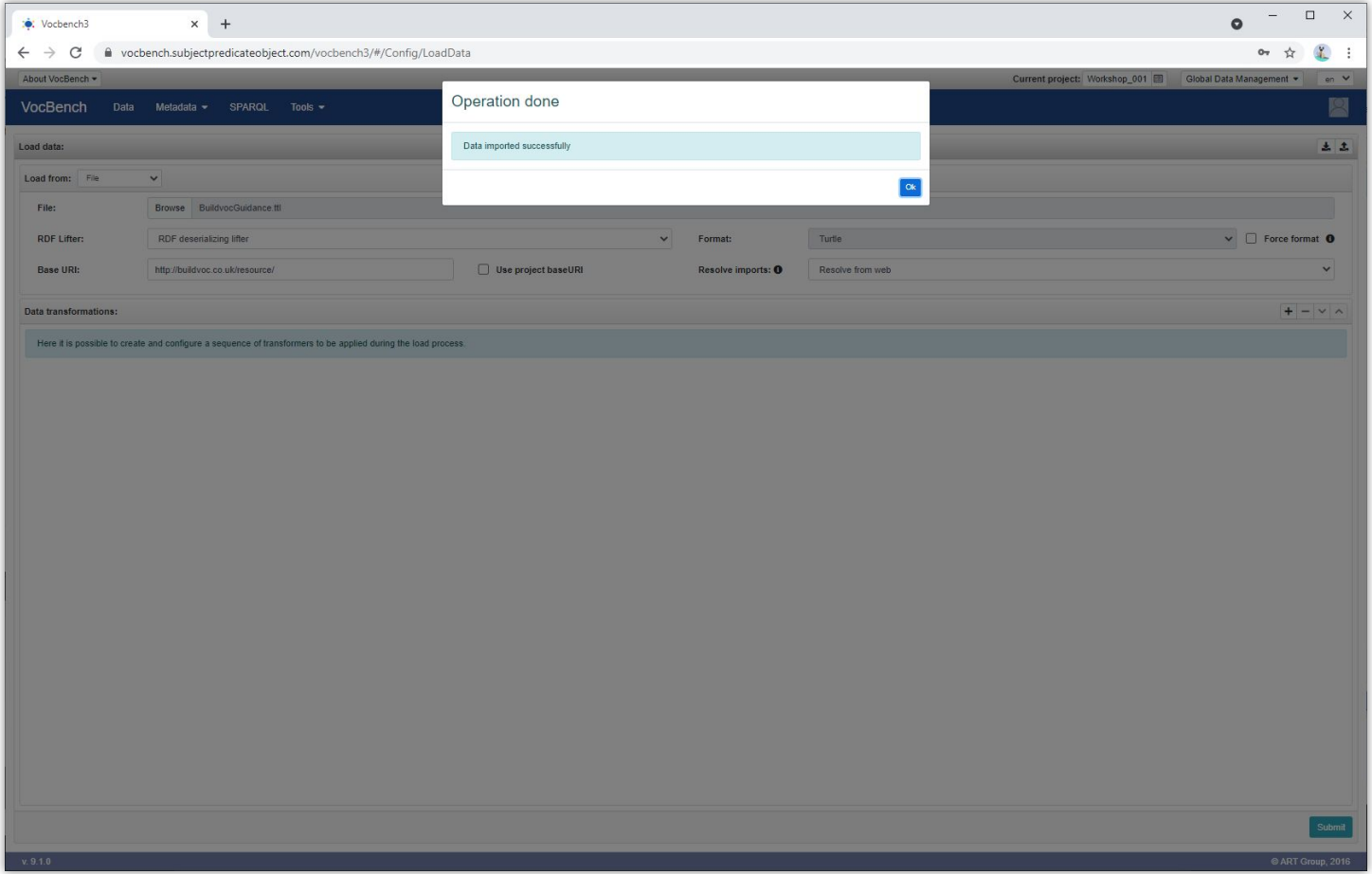
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Load data:
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RDF deserializing lifter
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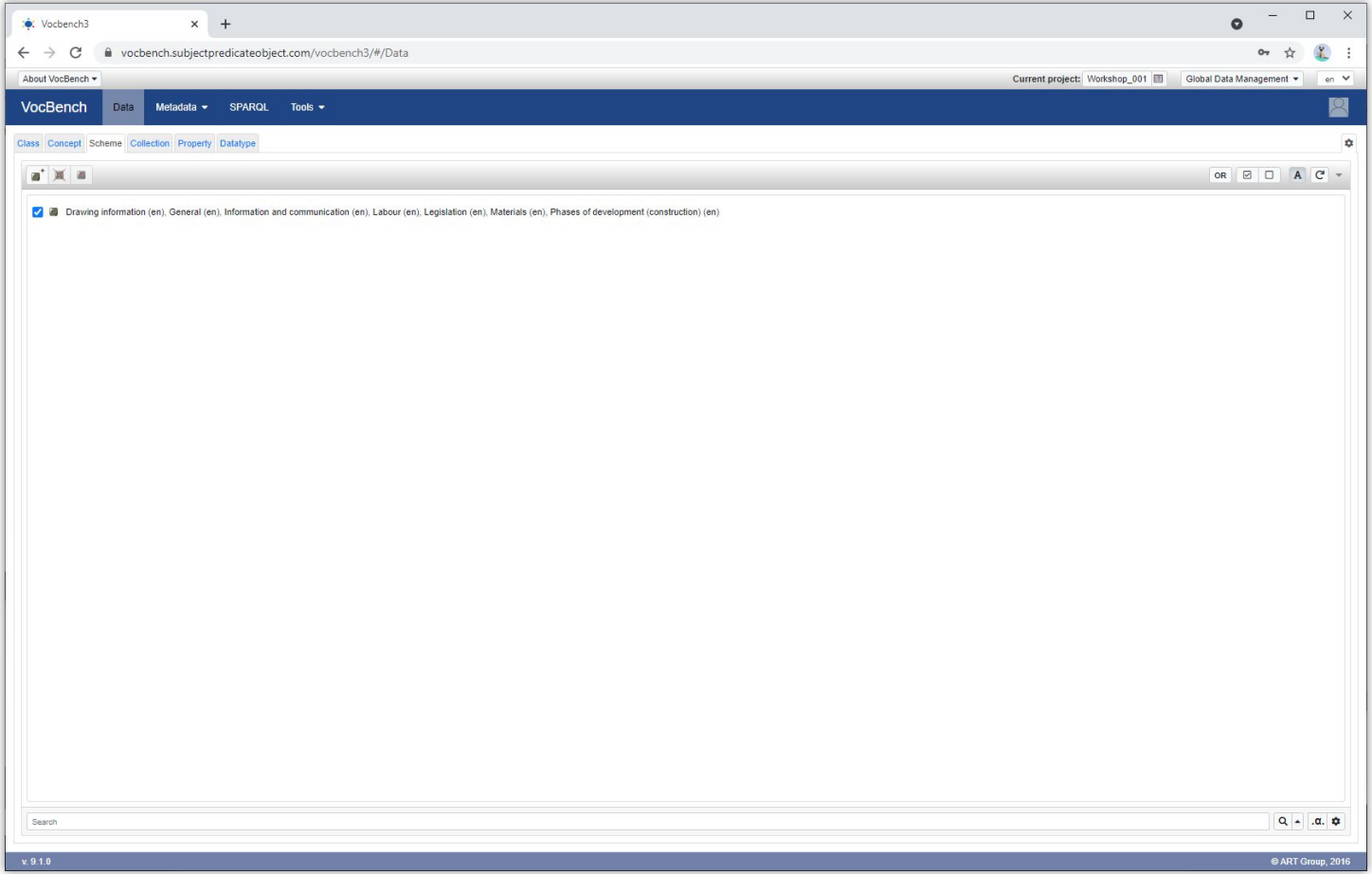
Vocbench3
vocbench.subjectpredicateobject.com/vocbench3/#/Data
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OR
Drawing information (en), General (en), Information and communication (en), Labour (en), Legislation (en), Materials (en), Phases of development (construction) (en)
Search
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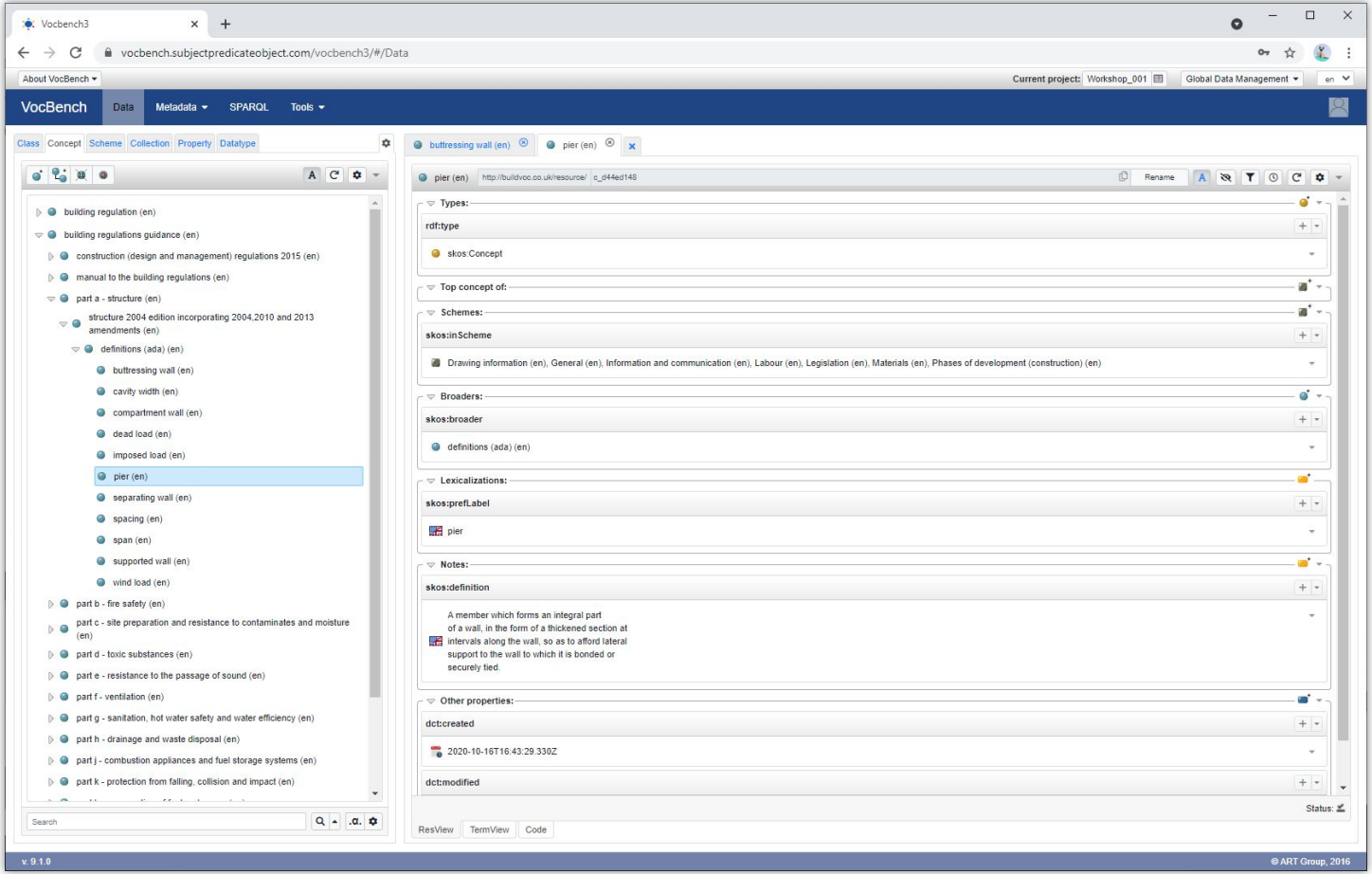
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building regulation (en)
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compartment wall (en)
dead load (en)
imposed load (en)
pier (en)
separating wall (en)
spacing (en)
span (en)
supported wall (en)
wind load (en)
part b - fire safety (en)
part c - site preparation and resistance to contaminates and moisture (en)
part d - toxic substances (en)
part e - resistance to the passage of sound (en)
part f - ventilation (en)
part g - sanitation, hot water safety and water efficiency (en)
part h - drainage and waste disposal (en)
part j - combustion appliances and fuel storage systems (en)
part k - protection from falling, collision and impact (en)
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buttressing wall (en)
pier (en)
pier (en)
http://buildvoc.co.uk/resource/c_d44ed148
Rename
Types:
rdf:type
skos:Concept
Top concept of:
Schemes:
skos:inScheme
Drawing information (en), General (en), Information and communication (en), Labour (en), Legislation (en), Materials (en), Phases of development (construction) (en)
Broaders:
skos:broader
definitions (ada) (en)
Lexicalizations:
skos:prefLabel
pier
Notes:
skos:definition
A member which forms an integral part of a wall, in the form of a thickened section at intervals along the wall, so as to afford lateral support to the wall to which it is bonded or securely tied.
Other properties:
dct:created
2020-10-16T16:43:29.330Z
dct:modified
Status:
ResView
TermView
Code
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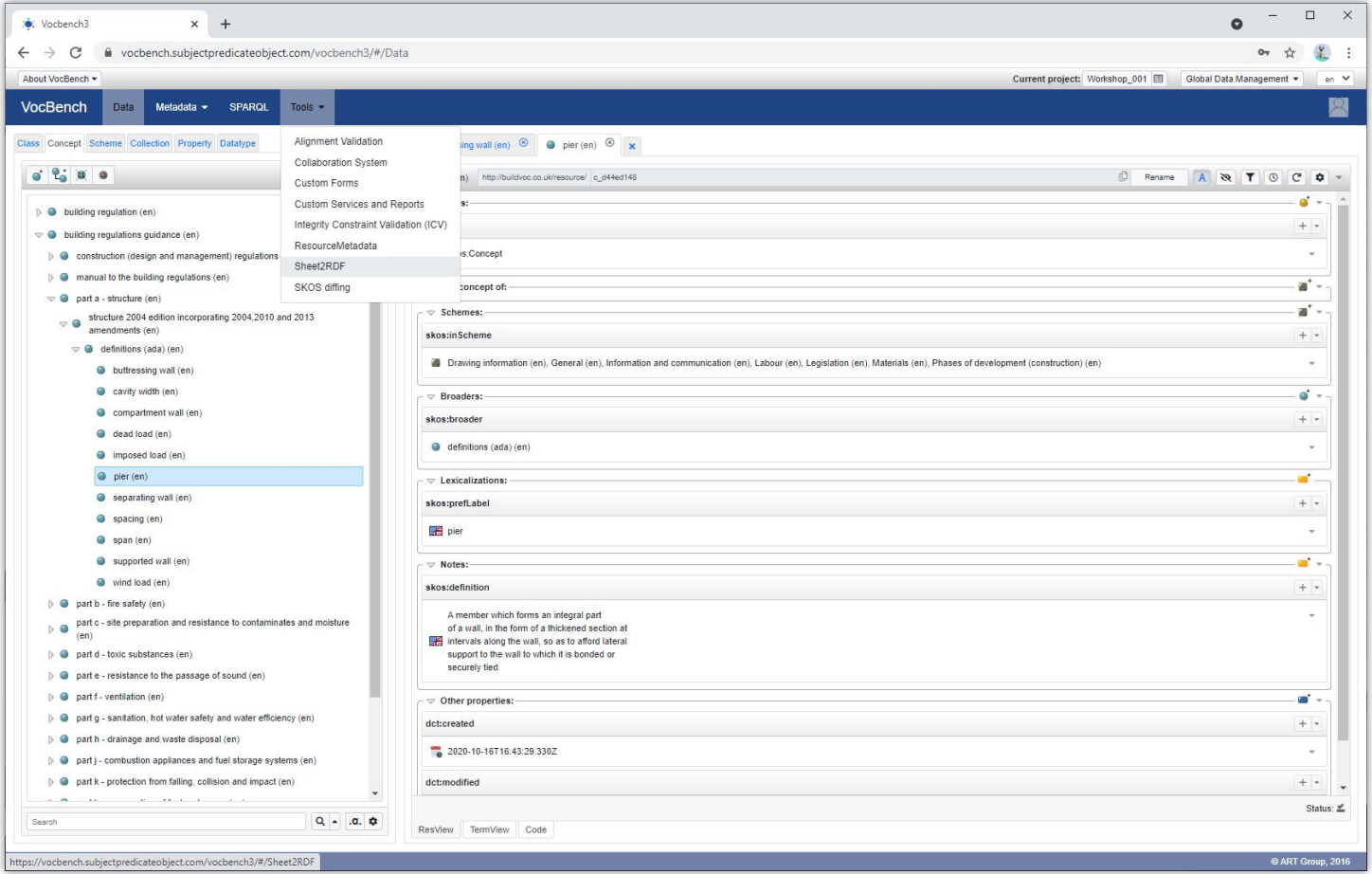
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2020-10-16T16:43:29.330Z
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https://vocbench.subjectpredicateobject.com/vocbench3/#/Sheet2RDF
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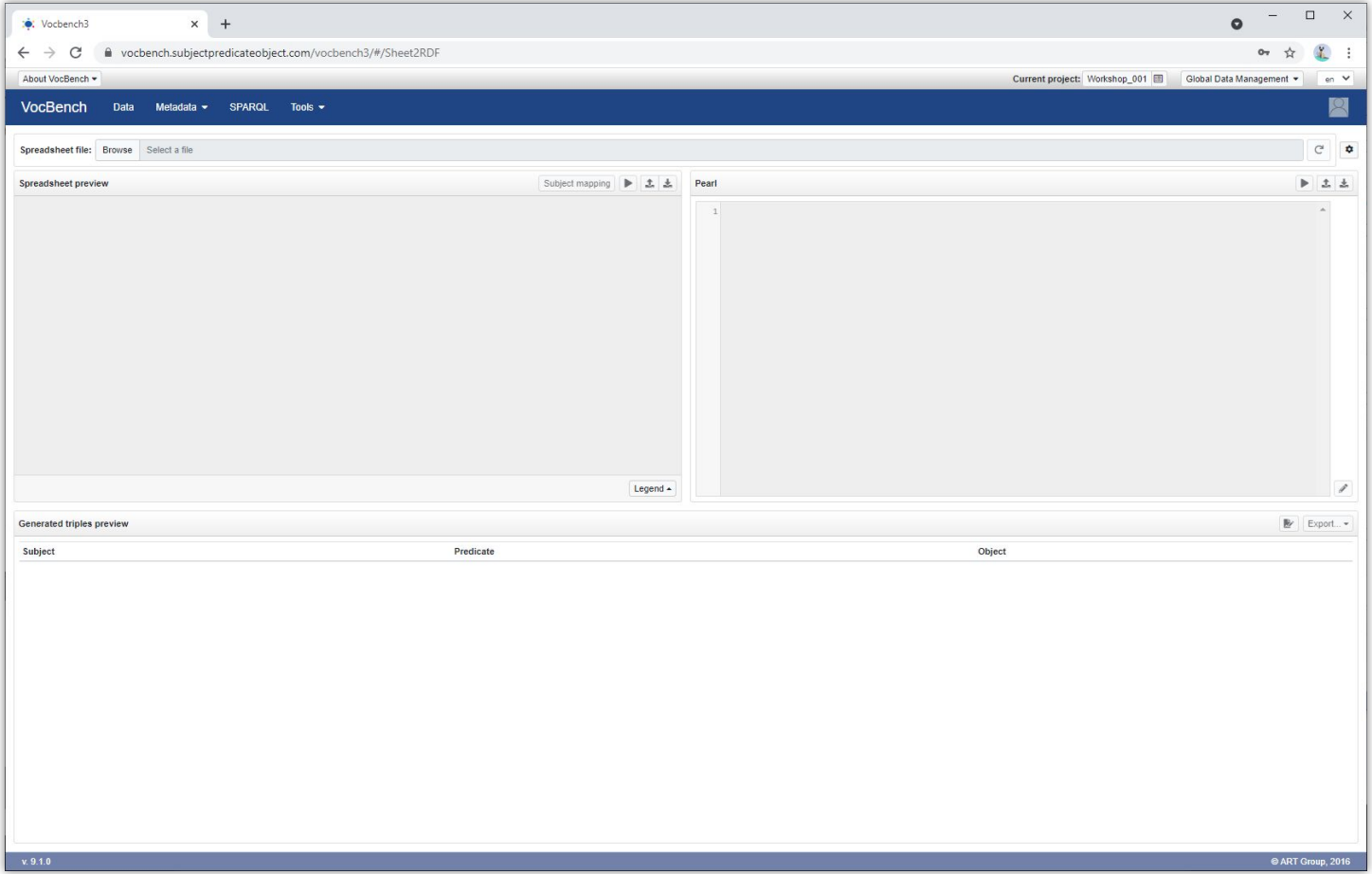
Vocbench3
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Export...
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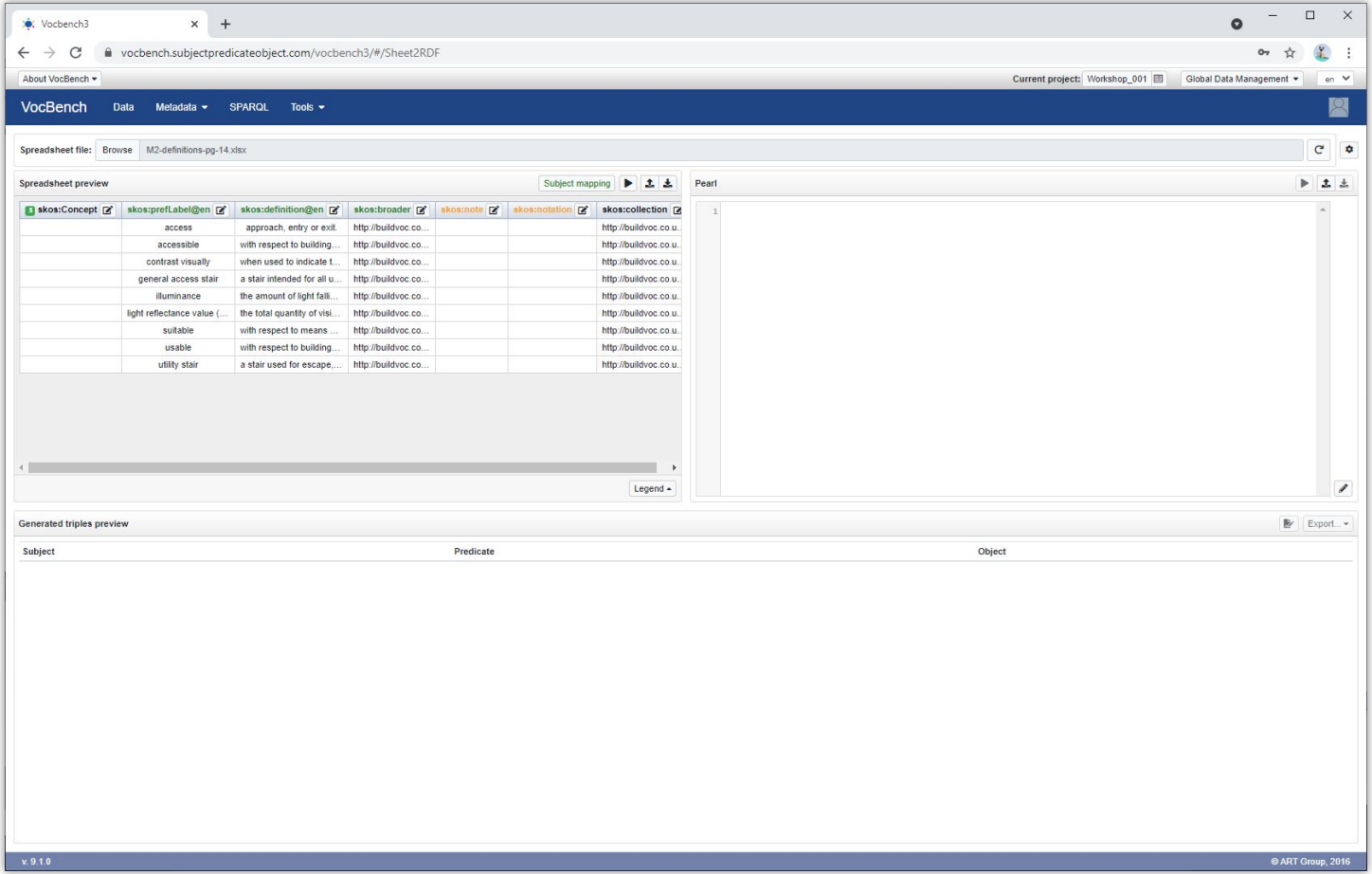
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skos:definition@en
skos:broader
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skos:notation
skos:collection
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utility stair
a stair used for escape,...
http://buildvoc.co...
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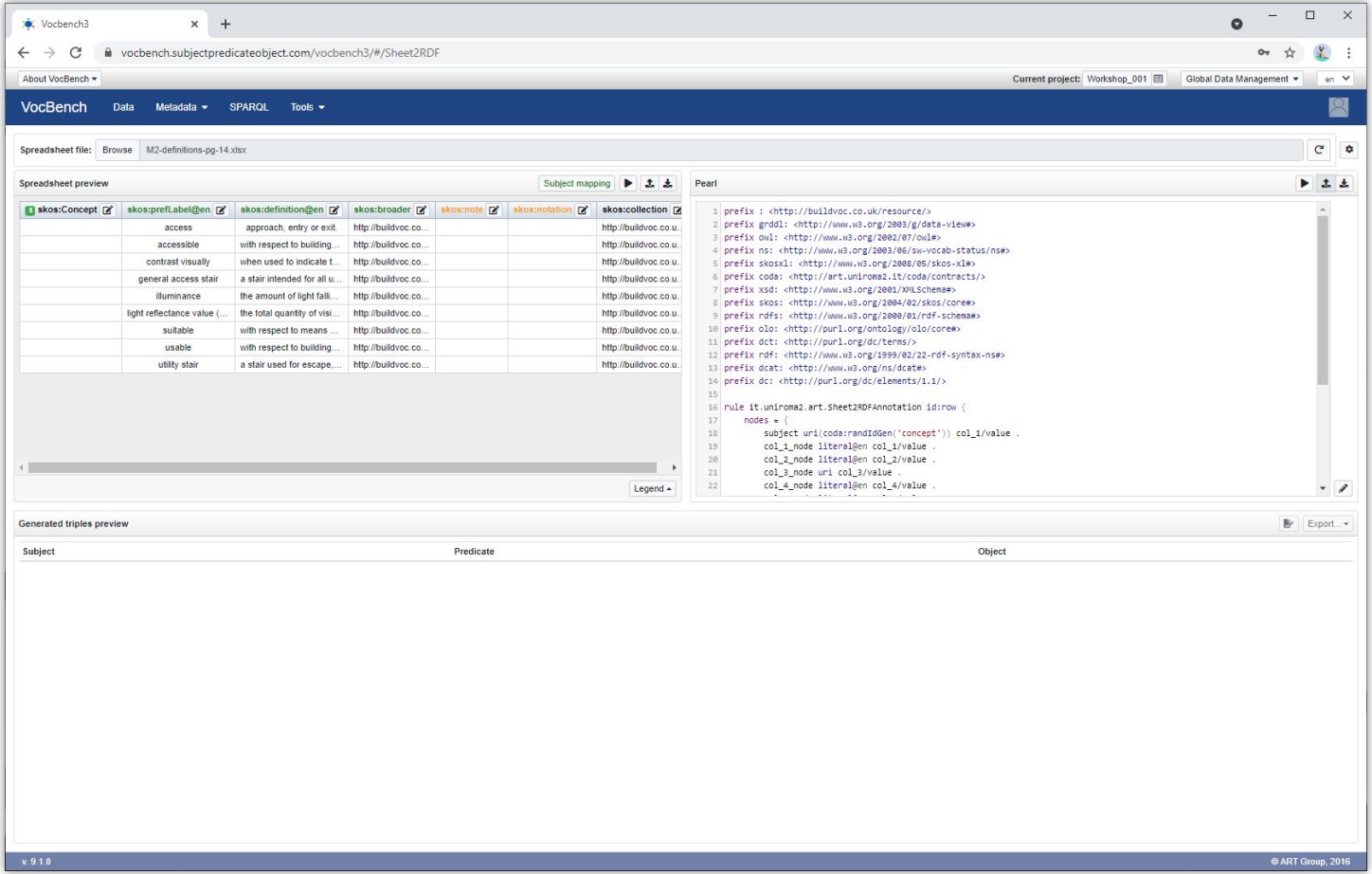
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prefix grddl: <http://www.w3.org/2003/g/data-view#>
prefix owl: <http://www.w3.org/2002/07/owl#>
prefix ns: <http://www.w3.org/2003/06/sw-vocab-status/ns#>
prefix skosxl: <http://www.w3.org/2008/05/skos-xl#>
prefix coda: <http://art.uniroma2.it/coda/contracts/>
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prefix skos: <http://www.w3.org/2004/02/skos/core#>
prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#>
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prefix dct: <http://purl.org/dc/terms/>
prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
prefix dcat: <http://www.w3.org/ns/dcat#>
prefix dc: <http://purl.org/dc/elements/1.1/>
rule it.uniroma2.art.Sheet2RDFAnnotation id:row {
nodes = {
subject uri(coda:randIdGen('concept')) col_1/value .
col_1_node literal@en col_1/value .
col_2_node literal@en col_2/value .
col_3_node uri col_3/value .
col_4_node literal@en col_4/value .
Generated triples preview
Export...
Subject
Predicate
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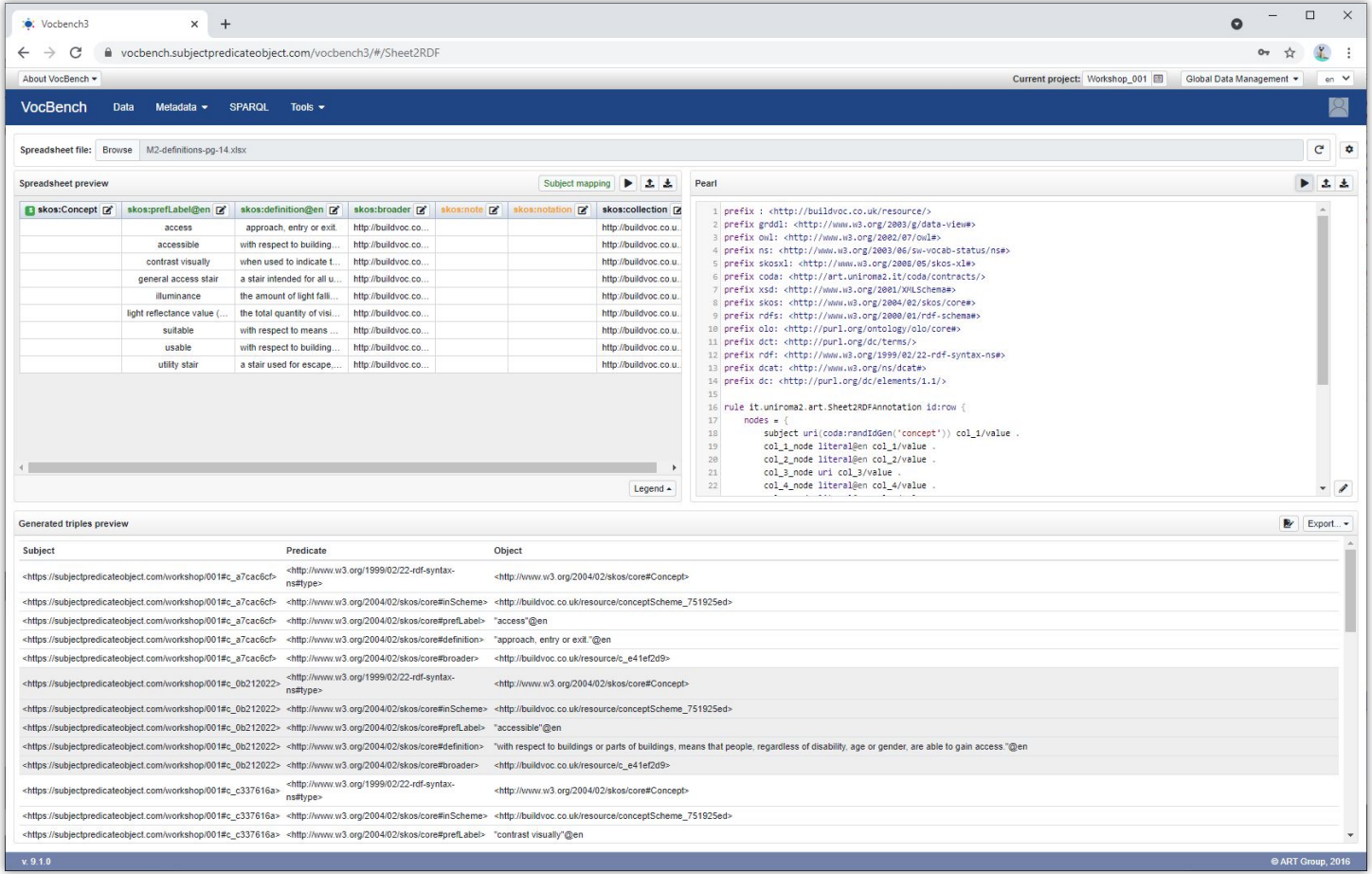
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prefix dcat: <http://www.w3.org/ns/dcat#>
prefix dc: <http://purl.org/dc/elements/1.1/>
rule it.uniroma2.art.Sheet2RDFAnnotation id:row {
nodes = {
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col_2_node literal@en col_2/value .
col_3_node uri col_3/value .
col_4_node literal@en col_4/value .
Generated triples preview
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<https://subjectpredicateobject.com/workshop/001#c_0b212022> <http://www.w3.org/2004/02/skos/core#definition> "with respect to buildings or parts of buildings, means that people, regardless of disability, age or gender, are able to gain access."@en
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<https://subjectpredicateobject.com/workshop/001#c_c337616a> <http://www.w3.org/2004/02/skos/core#prefLabel> "contrast visually"@en
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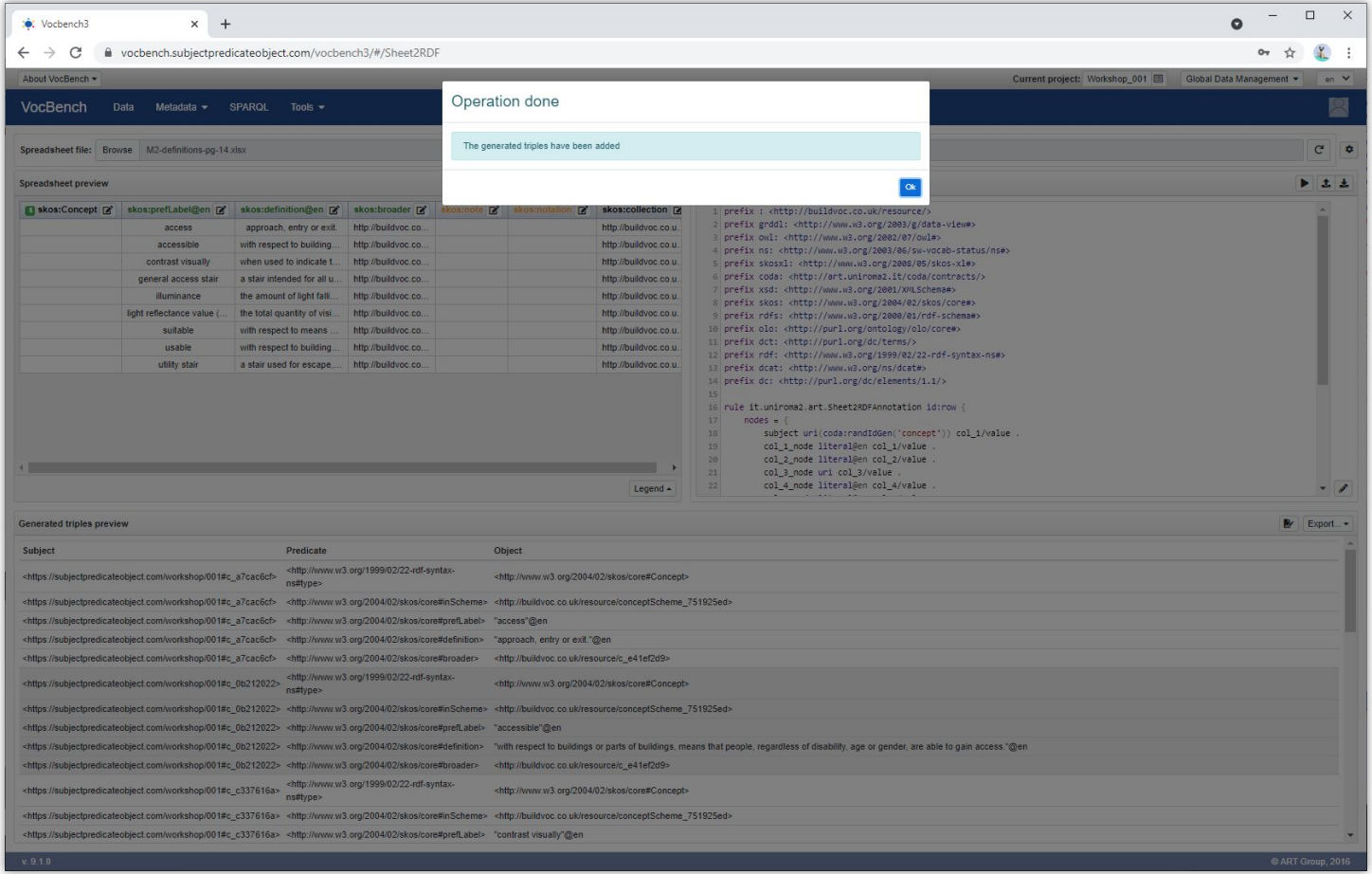
Vocbench3
vocbench.subjectpredicateobject.com/vocbench3/#/Sheet2RDF
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The generated triples have been added
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prefix grddl: <http://www.w3.org/2003/g/data-view#>
prefix owl: <http://www.w3.org/2002/07/owl#>
prefix ns: <http://www.w3.org/2003/06/sw-vocab-status/ns#>
prefix skosxl: <http://www.w3.org/2008/05/skos-xl#>
prefix coda: <http://art.uniroma2.it/coda/contracts/>
prefix xsd: <http://www.w3.org/2001/XMLSchema#>
prefix skos: <http://www.w3.org/2004/02/skos/core#>
prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#>
prefix olo: <http://purl.org/ontology/olo/core#>
prefix dct: <http://purl.org/dc/terms/>
prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
prefix dcat: <http://www.w3.org/ns/dcat#>
prefix dc: <http://purl.org/dc/elements/1.1/>
rule it.uniroma2.art.Sheet2RDFAnnotation id:row {
nodes = {
subject uri(coda:randIdGen('concept')) col_1/value .
col_1_node literal@en col_1/value .
col_2_node literal@en col_2/value .
col_3_node uri col_3/value .
col_4_node literal@en col_4/value .
Generated triples preview
Export...
Subject
Predicate
Object
<https://subjectpredicateobject.com/workshop/001#c_a7cac6cf>
<http://www.w3.org/1999/02/22-rdf-syntax-ns#type>
<http://www.w3.org/2004/02/skos/core#Concept>
<https://subjectpredicateobject.com/workshop/001#c_a7cac6cf>
<http://www.w3.org/2004/02/skos/core#inScheme>
<http://buildvoc.co.uk/resource/conceptScheme_751925ed>
<https://subjectpredicateobject.com/workshop/001#c_a7cac6cf>
<http://www.w3.org/2004/02/skos/core#prefLabel>
"access"@en
<https://subjectpredicateobject.com/workshop/001#c_a7cac6cf>
<http://www.w3.org/2004/02/skos/core#definition>
"approach, entry or exit."@en
<https://subjectpredicateobject.com/workshop/001#c_a7cac6cf>
<http://www.w3.org/2004/02/skos/core#broader>
<http://buildvoc.co.uk/resource/c_e41ef2d9>
<https://subjectpredicateobject.com/workshop/001#c_0b212022>
<http://www.w3.org/1999/02/22-rdf-syntax-ns#type>
<http://www.w3.org/2004/02/skos/core#Concept>
<https://subjectpredicateobject.com/workshop/001#c_0b212022>
<http://www.w3.org/2004/02/skos/core#inScheme>
<http://buildvoc.co.uk/resource/conceptScheme_751925ed>
<https://subjectpredicateobject.com/workshop/001#c_0b212022>
<http://www.w3.org/2004/02/skos/core#prefLabel>
"accessible"@en
<https://subjectpredicateobject.com/workshop/001#c_0b212022>
<http://www.w3.org/2004/02/skos/core#definition>
"with respect to buildings or parts of buildings, means that people, regardless of disability, age or gender, are able to gain access."@en
<https://subjectpredicateobject.com/workshop/001#c_0b212022>
<http://www.w3.org/2004/02/skos/core#broader>
<http://buildvoc.co.uk/resource/c_e41ef2d9>
<https://subjectpredicateobject.com/workshop/001#c_c337616a>
<http://www.w3.org/1999/02/22-rdf-syntax-ns#type>
<http://www.w3.org/2004/02/skos/core#Concept>
<https://subjectpredicateobject.com/workshop/001#c_c337616a>
<http://www.w3.org/2004/02/skos/core#inScheme>
<http://buildvoc.co.uk/resource/conceptScheme_751925ed>
<https://subjectpredicateobject.com/workshop/001#c_c337616a>
<http://www.w3.org/2004/02/skos/core#prefLabel>
"contrast visually"@en
v. 9.1.0
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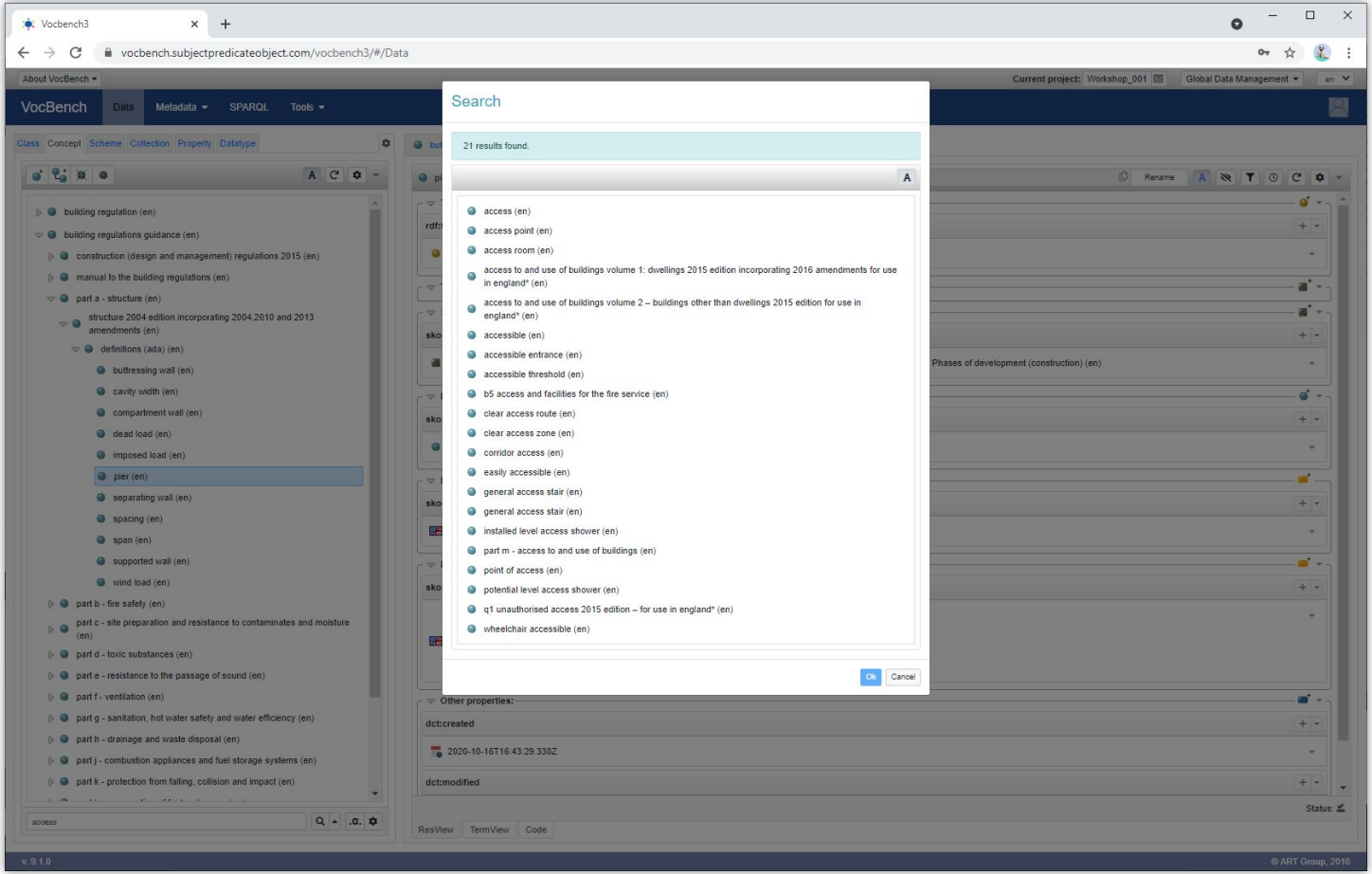
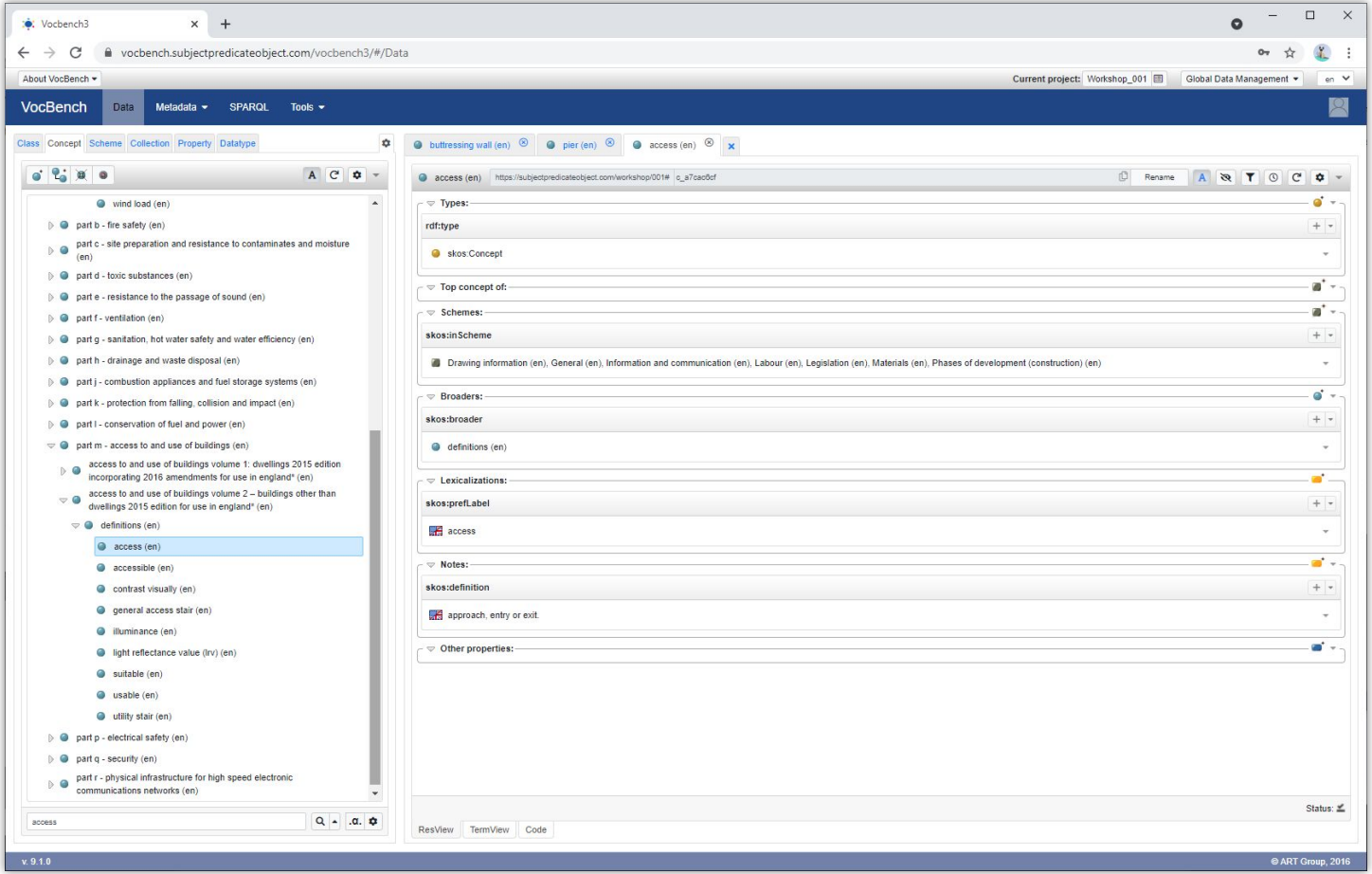

Vocbench3
vocbench.subjectpredicateobject.com/vocbench3/#/Data
About VocBench
Current project: Workshop_001
Global Data Management
VocBench
Data
Metadata
SPARQL
Tools
Class
Concept
Scheme
Collection
Property
Datatype
building regulation (en)
building regulations guidance (en)
construction (design and management) regulations 2015 (en)
manual to the building regulations (en)
part a - structure (en)
structure 2004 edition incorporating 2004,2010 and 2013 amendments (en)
definitions (ada) (en)
buttressing wall (en)
cavity width (en)
compartment wall (en)
dead load (en)
imposed load (en)
pier (en)
separating wall (en)
spacing (en)
span (en)
supported wall (en)
wind load (en)
part b - fire safety (en)
part c - site preparation and resistance to contaminates and moisture (en)
part d - toxic substances (en)
part e - resistance to the passage of sound (en)
part f - ventilation (en)
part g - sanitation, hot water safety and water efficiency (en)
part h - drainage and waste disposal (en)
part j - combustion appliances and fuel storage systems (en)
part k - protection from falling, collision and impact (en)
access
Search
21 results found.
access (en)
access point (en)
access room (en)
access to and use of buildings volume 1: dwellings 2015 edition incorporating 2016 amendments for use in england* (en)
access to and use of buildings volume 2 – buildings other than dwellings 2015 edition for use in england* (en)
accessible (en)
accessible entrance (en)
accessible threshold (en)
b5 access and facilities for the fire service (en)
clear access route (en)
clear access zone (en)
corridor access (en)
easily accessible (en)
general access stair (en)
general access stair (en)
installed level access shower (en)
part m - access to and use of buildings (en)
point of access (en)
potential level access shower (en)
q1 unauthorised access 2015 edition – for use in england* (en)
wheelchair accessible (en)
Ok
Cancel
Rename
Phases of development (construction) (en)
Other properties:
dct:created
2020-10-16T16:43:29.330Z
dct:modified
Status:
ResView
TermView
Code
v. 9.1.0
© ART Group, 2016


Vocbench3
vocbench.subjectpredicateobject.com/vocbench3/#/Data
About VocBench
Current project: Workshop_001
Global Data Management
en
VocBench
Data
Metadata
SPARQL
Tools
Class
Concept
Scheme
Collection
Property
Datatype
wind load (en)
part b - fire safety (en)
part c - site preparation and resistance to contaminates and moisture (en)
part d - toxic substances (en)
part e - resistance to the passage of sound (en)
part f - ventilation (en)
part g - sanitation, hot water safety and water efficiency (en)
part h - drainage and waste disposal (en)
part j - combustion appliances and fuel storage systems (en)
part k - protection from falling, collision and impact (en)
part l - conservation of fuel and power (en)
part m - access to and use of buildings (en)
access to and use of buildings volume 1: dwellings 2015 edition incorporating 2016 amendments for use in england* (en)
access to and use of buildings volume 2 – buildings other than dwellings 2015 edition for use in england* (en)
definitions (en)
access (en)
accessible (en)
contrast visually (en)
general access stair (en)
illuminance (en)
light reflectance value (lrv) (en)
suitable (en)
usable (en)
utility stair (en)
part p - electrical safety (en)
part q - security (en)
part r - physical infrastructure for high speed electronic communications networks (en)
access
buttressing wall (en)
pier (en)
access (en)
access (en)
https://subjectpredicateobject.com/workshop/001#
c_a7cac0cf
Rename
Types:
rdf:type
skos:Concept
Top concept of:
Schemes:
skos:inScheme
Drawing information (en), General (en), Information and communication (en), Labour (en), Legislation (en), Materials (en), Phases of development (construction) (en)
Broaders:
skos:broader
definitions (en)
Lexicalizations:
skos:prefLabel
access
Notes:
skos:definition
approach, entry or exit.
Other properties:
Status:
ResView
TermView
Code
v. 9.1.0
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References

- VocBench: http://vocbench.uniroma2.it/
- VocBench User Guide: http://vocbench.uniroma2.it/doc/user/
- ISKO UK: https://www.iskouk.org/
- Workshop instance of VocBench: https://vocbench.subjectpredicateobject.com/vocbench3