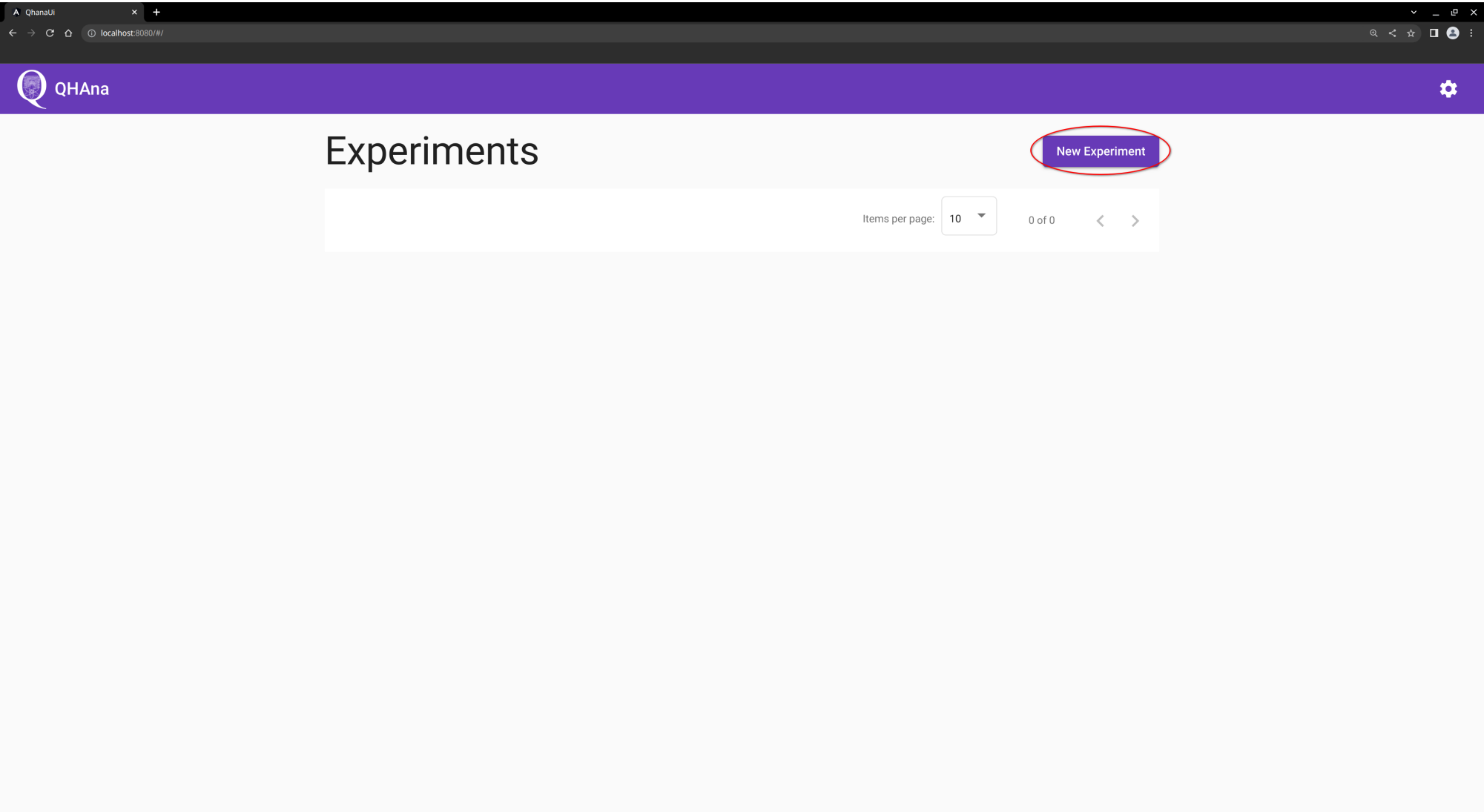
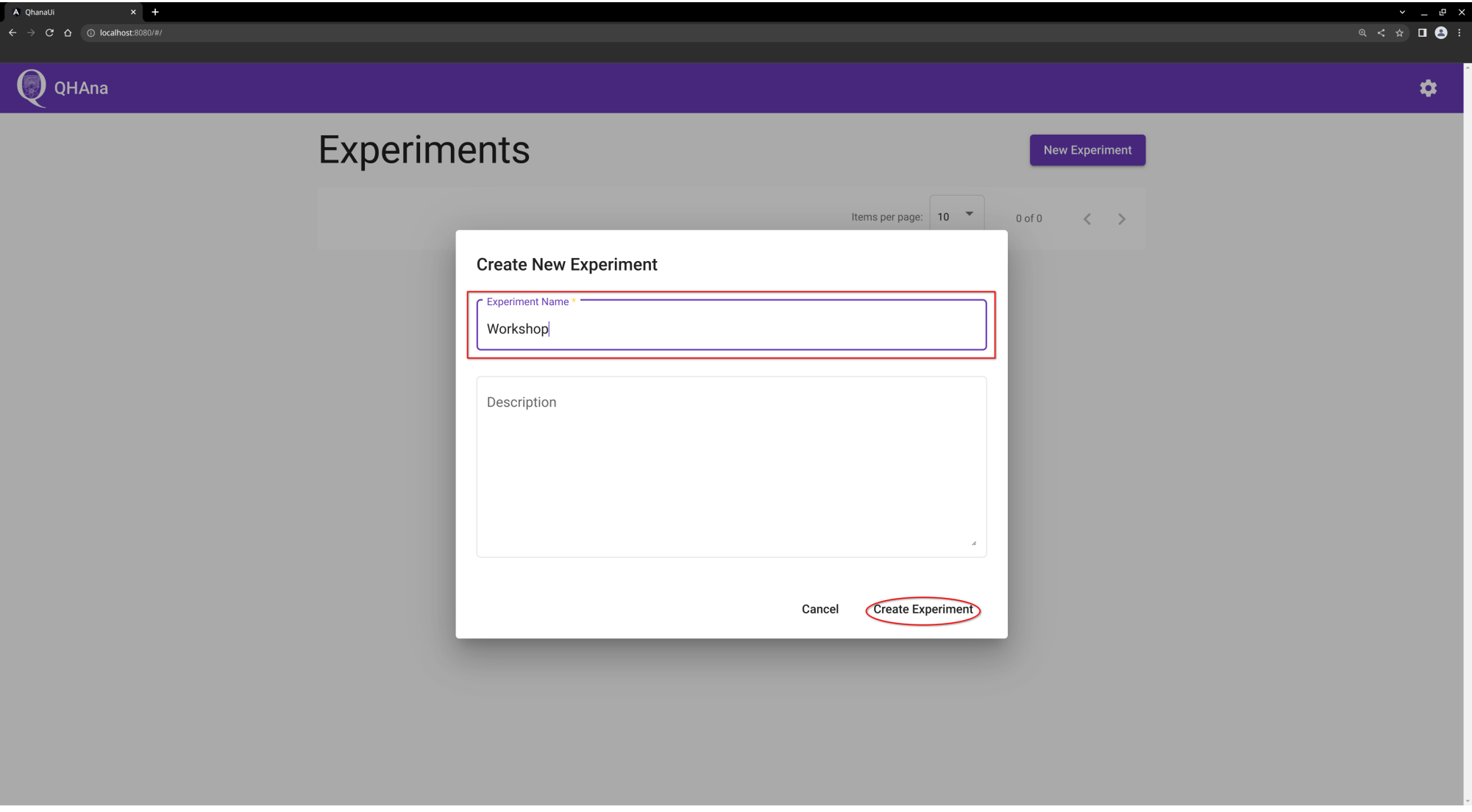
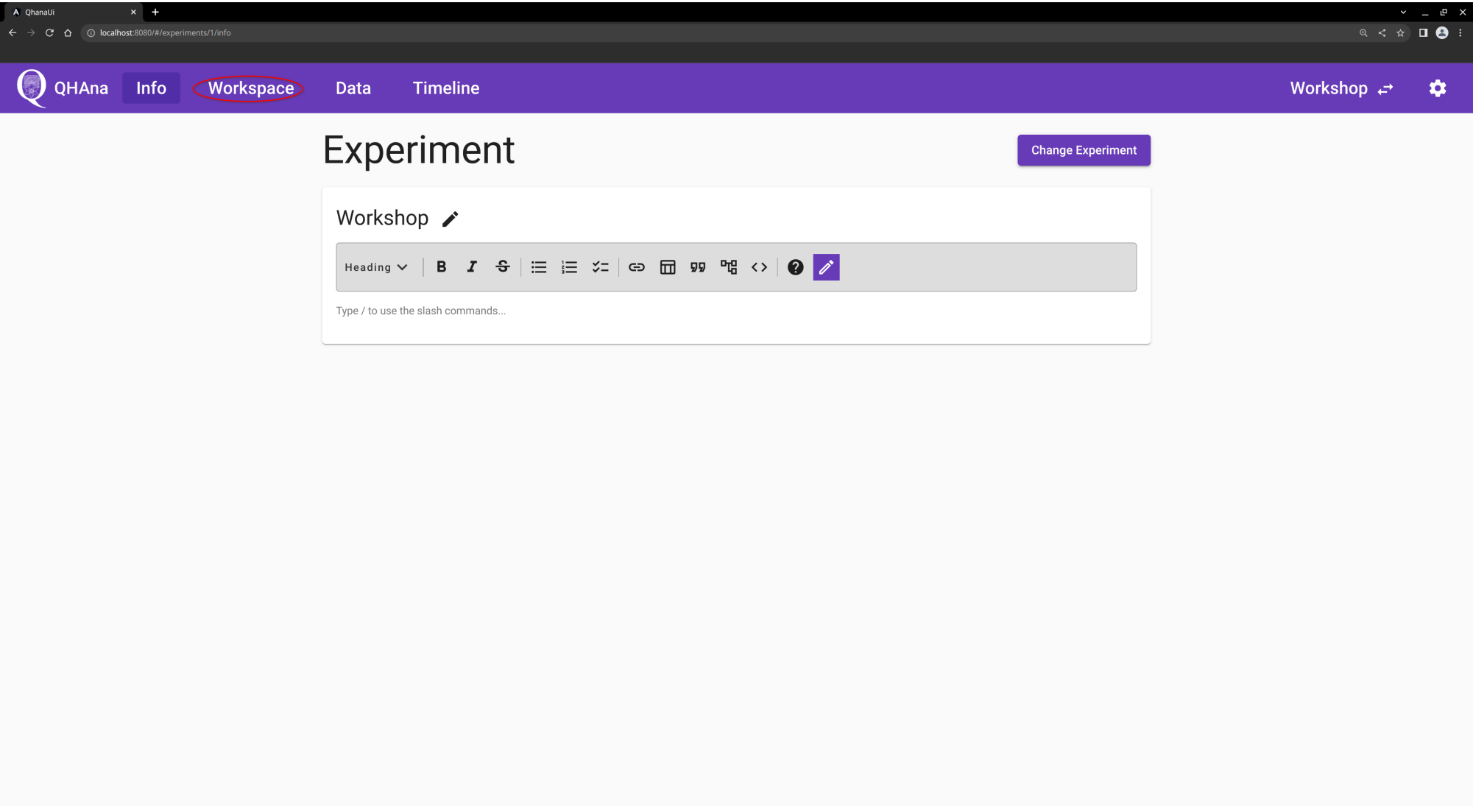
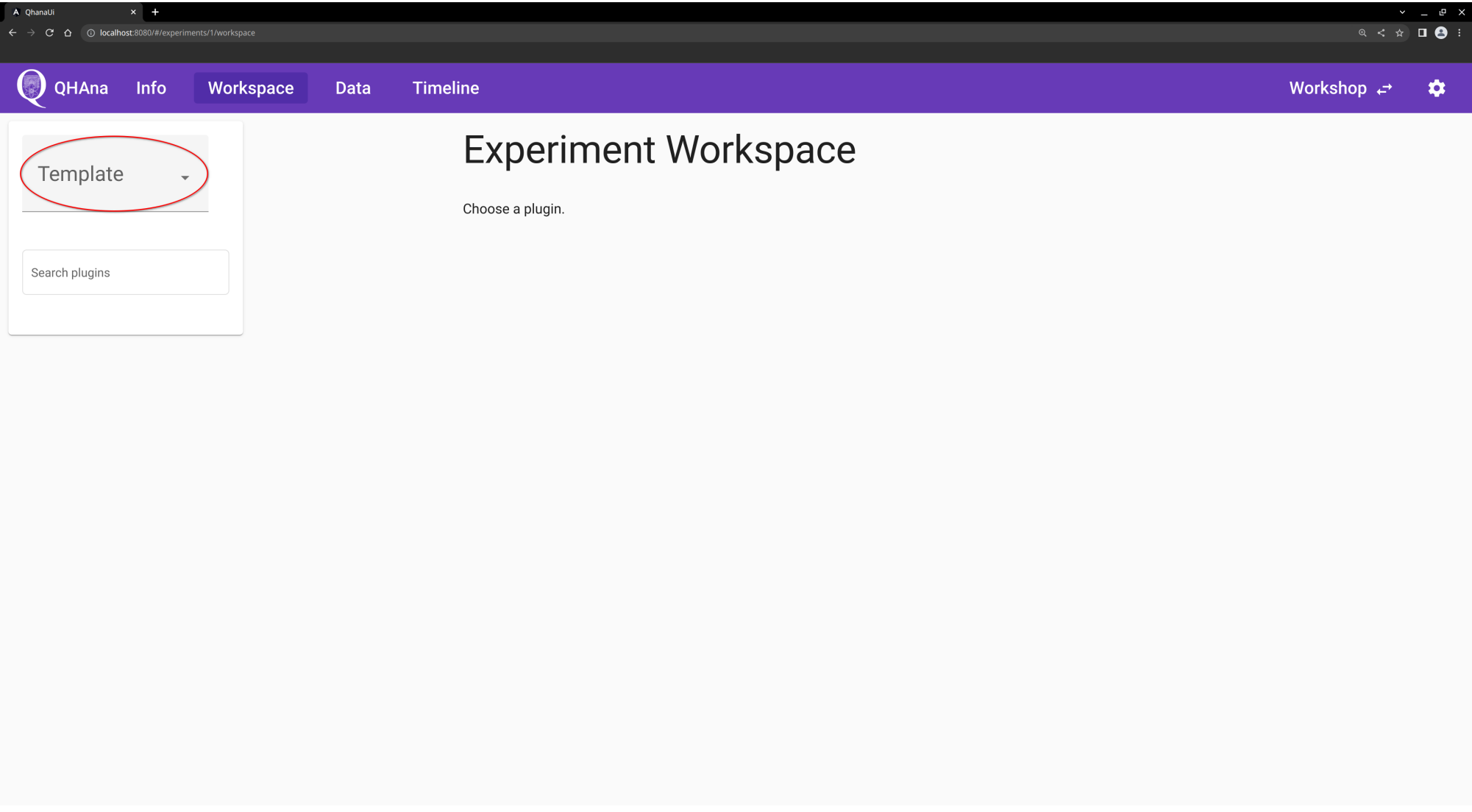
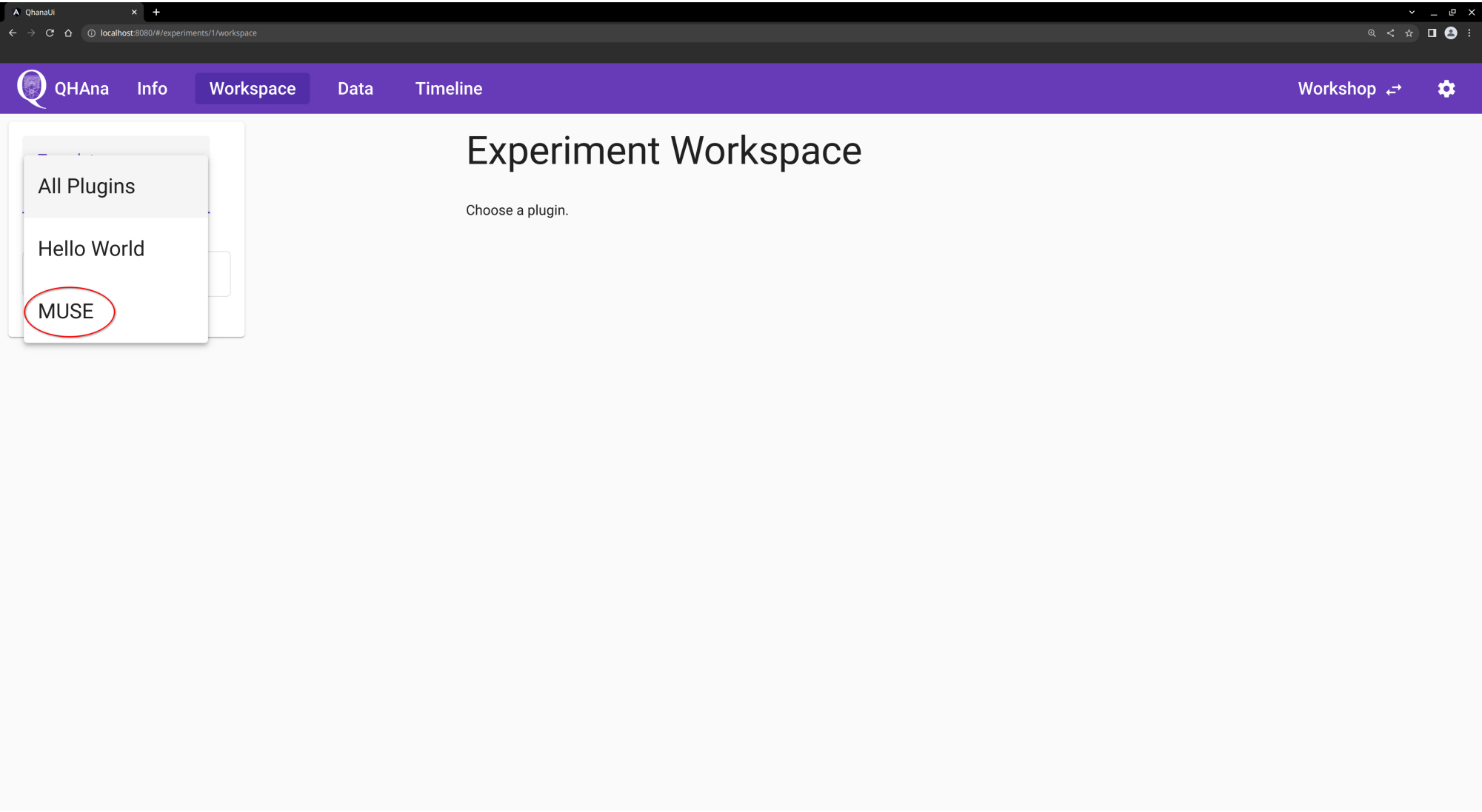
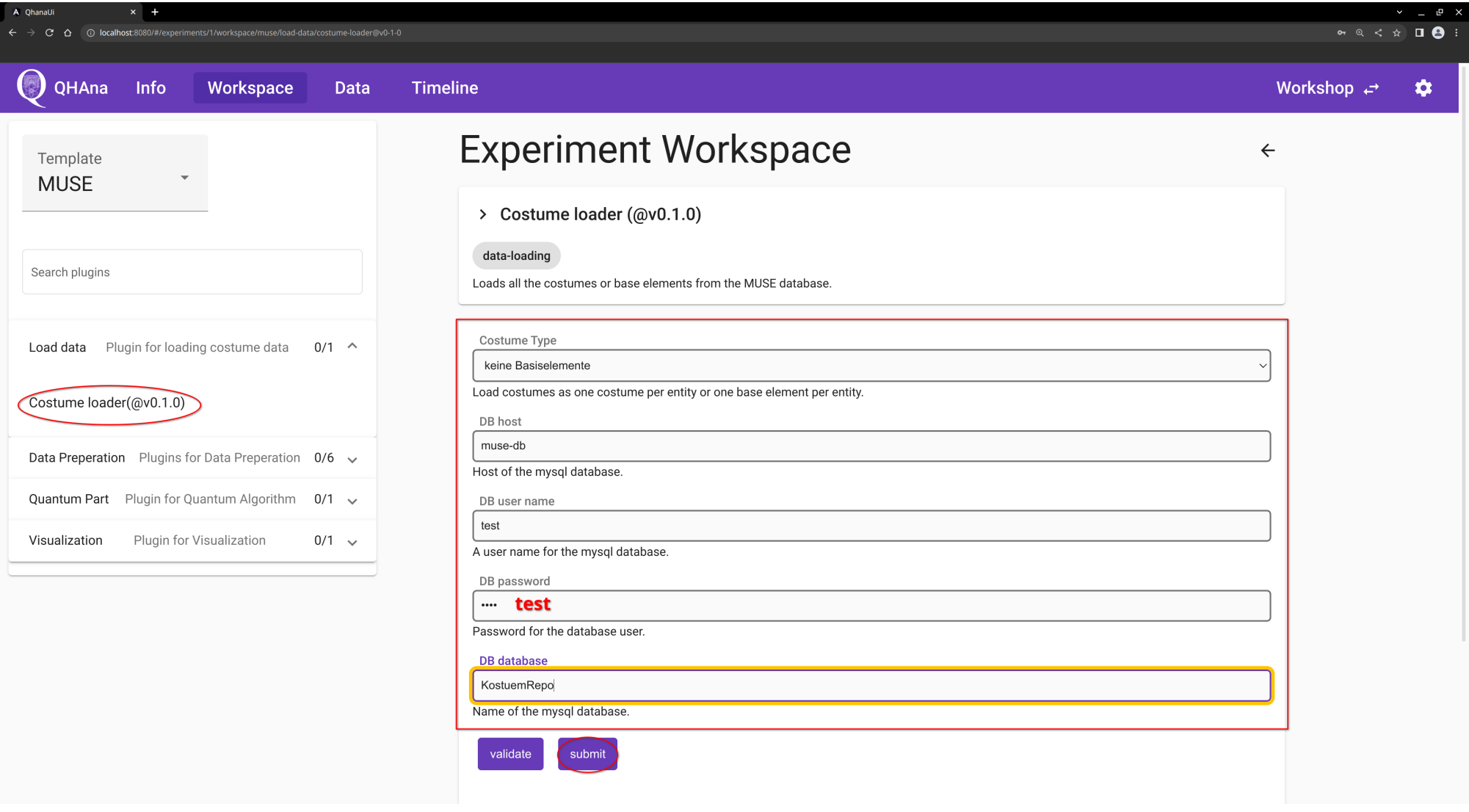

QhanaUi
localhost:8080/#/
QHAna
Experiments
New Experiment
Items per page:
10
0 of 0

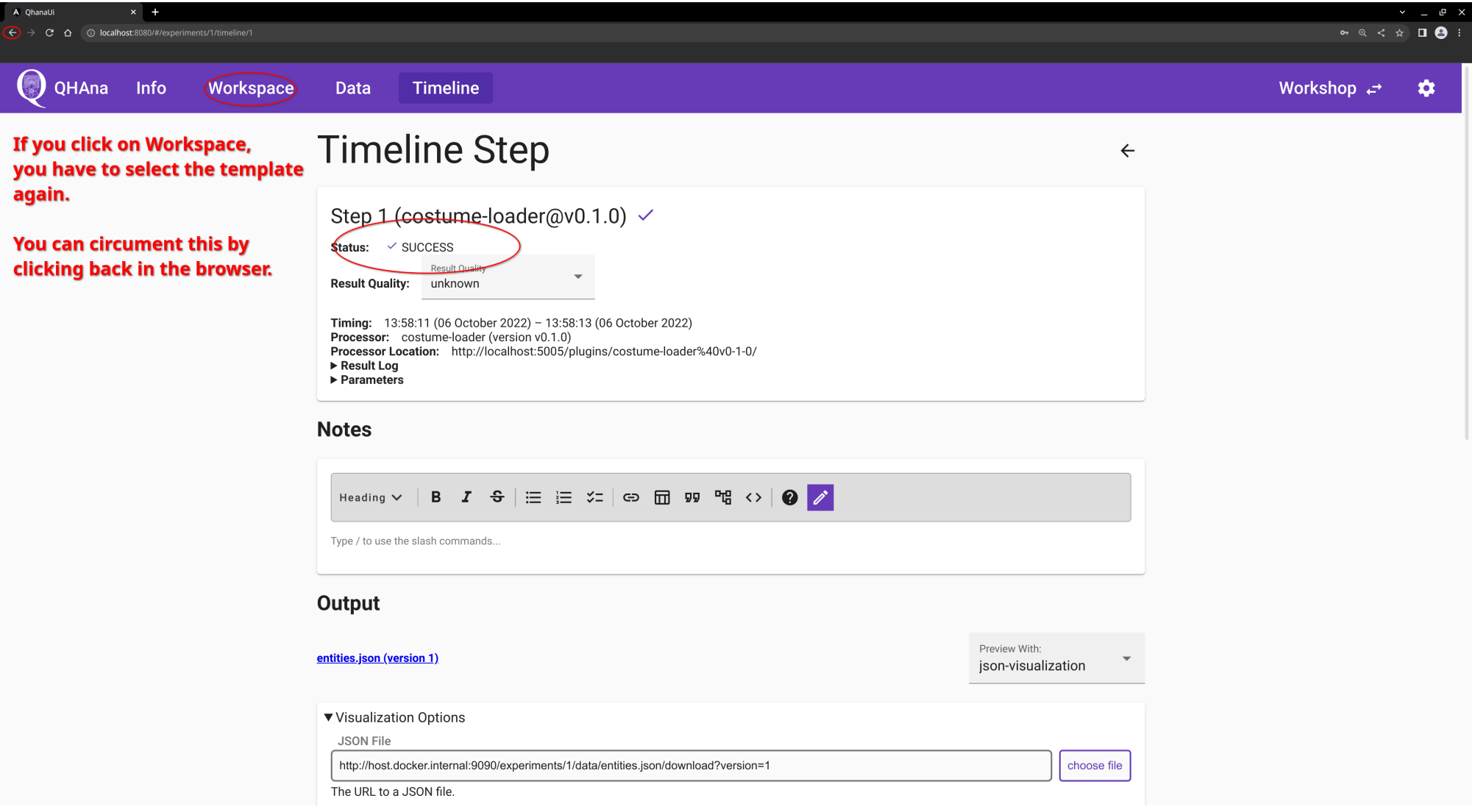

QhanaUi
localhost:8080/#/
QHAna
Experiments
New Experiment
Items per page:
10
0 of 0
Create New Experiment
Experiment Name *
Workshop
Description
Cancel
Create Experiment

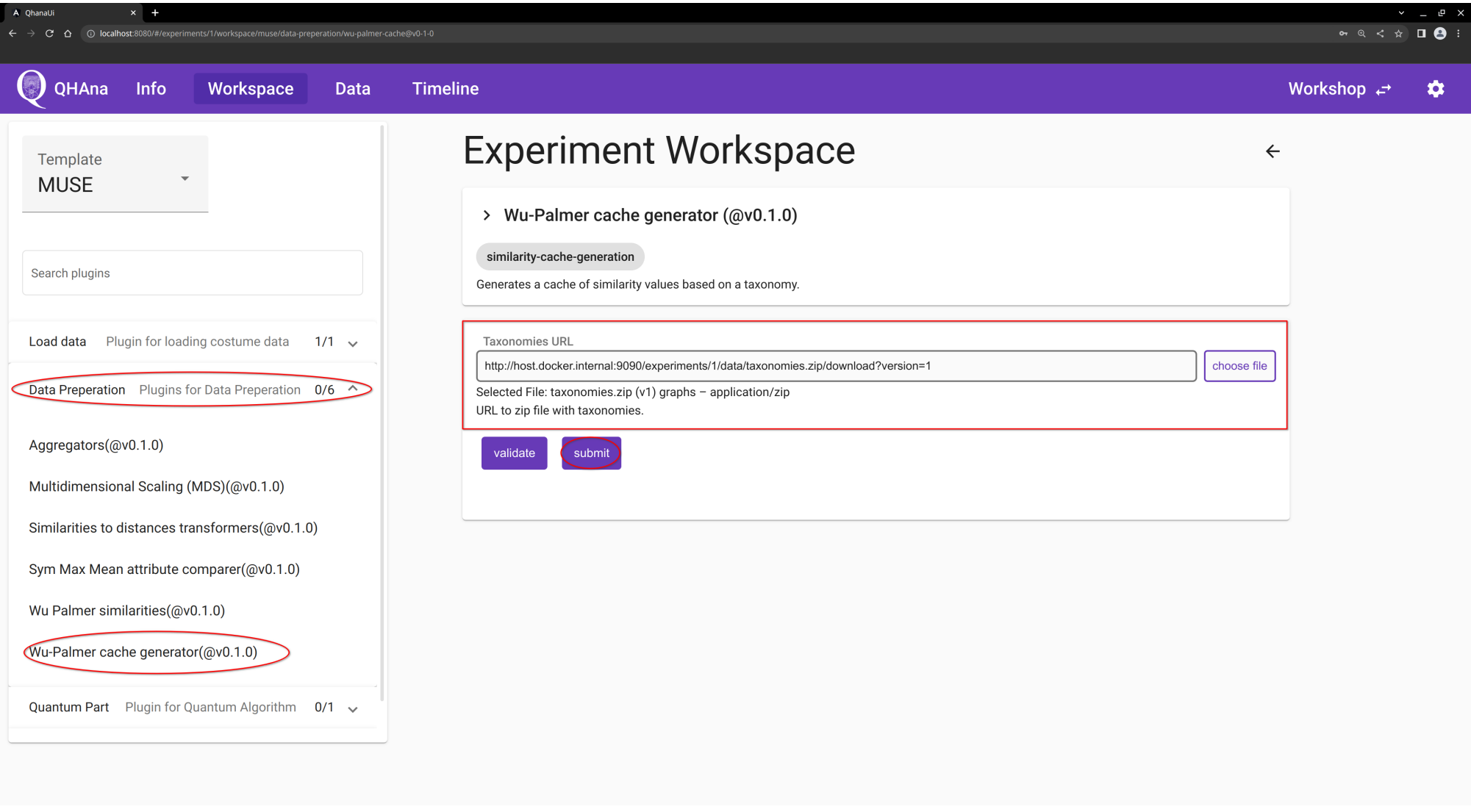

QhanaUi
localhost:8080/#/experiments/1/info
QHAna
Info
Workspace
Data
Timeline
Workshop
Experiment
Change Experiment
Workshop
Heading
Type / to use the slash commands...

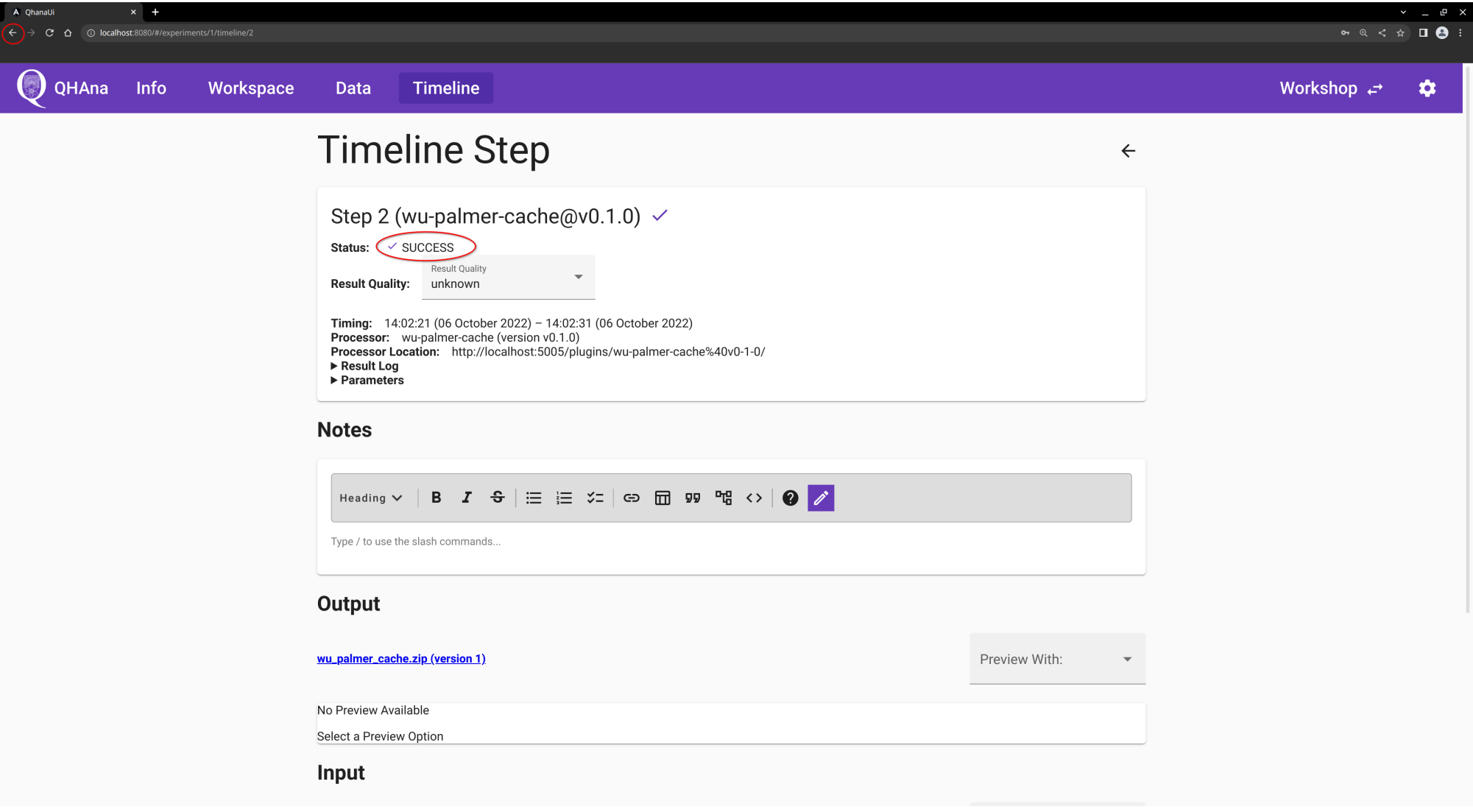

QhanaUi
localhost:8080/#/experiments/1/workspace
QHAna
Info
Workspace
Data
Timeline
Workshop
Template
Search plugins
Experiment Workspace
Choose a plugin.

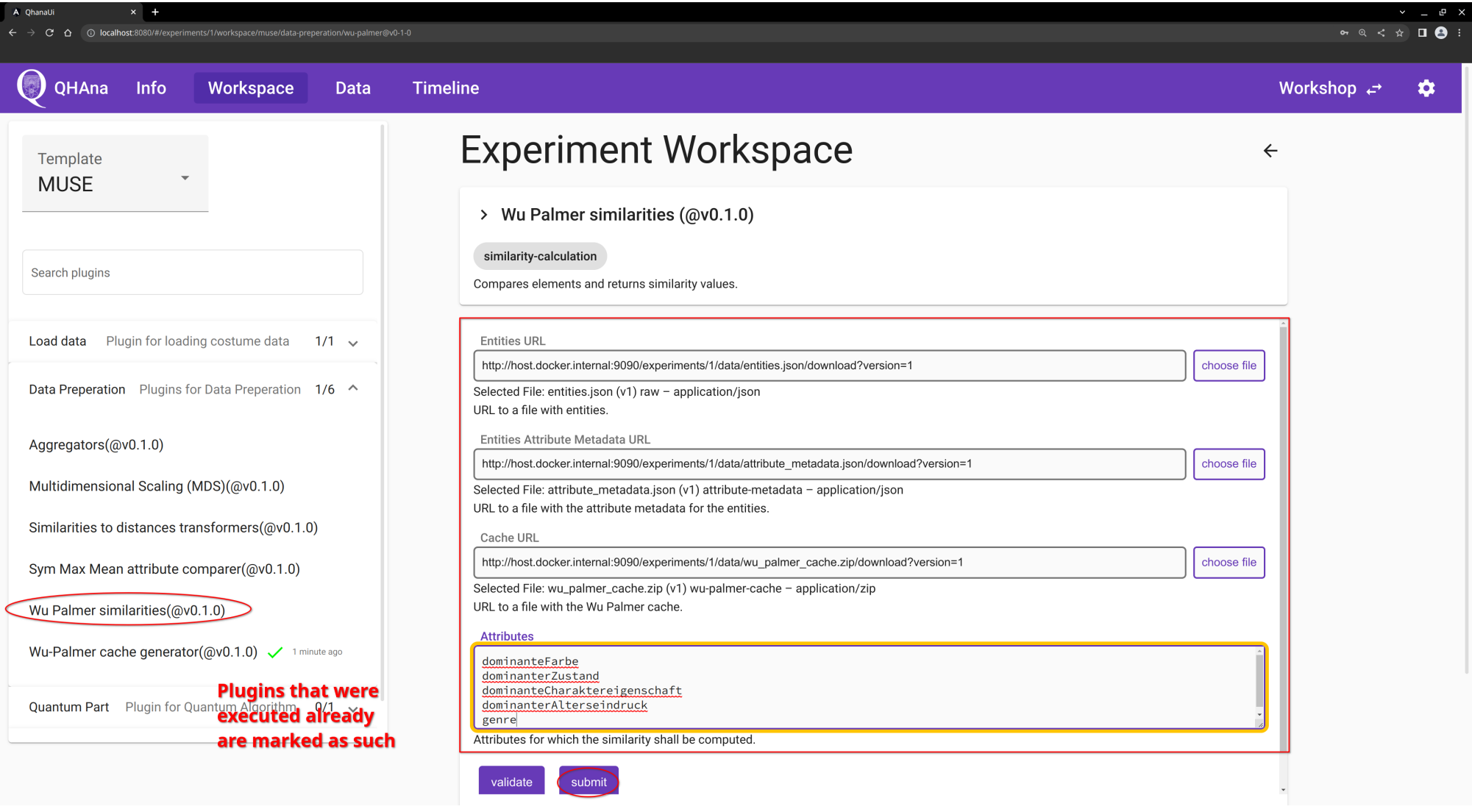

QhanaUi
localhost:8080/#/experiments/1/workspace
QHAna
Info
Workspace
Data
Timeline
Workshop
All Plugins
Hello World
MUSE
Experiment Workspace
Choose a plugin.


QhanaUi
localhost:8080/#/experiments/1/workspace/muse/load-data/costume-loader@v0-1-0
QHAna
Info
Workspace
Data
Timeline
Workshop
Template
MUSE
Search plugins
Load data
Plugin for loading costume data
0/1
Costume loader(@v0.1.0)
Data Preperation
Plugins for Data Preperation
0/6
Quantum Part
Plugin for Quantum Algorithm
0/1
Visualization
Plugin for Visualization
0/1
Experiment Workspace
Costume loader (@v0.1.0)
data-loading
Loads all the costumes or base elements from the MUSE database.
Costume Type
keine Basiselemente
Load costumes as one costume per entity or one base element per entity.
DB host
muse-db
Host of the mysql database.
DB user name
test
A user name for the mysql database.
DB password
test
Password for the database user.
DB database
KostuemRepo
Name of the mysql database.
validate
submit


QhanaUi
localhost:8080/#/experiments/1/timeline/1
QHAna
Info
Workspace
Data
Timeline
Workshop
If you click on Workspace, you have to select the template again.
You can circument this by clicking back in the browser.
Timeline Step
Step 1 (costume-loader@v0.1.0)
Status: SUCCESS
Result Quality
Result Quality: unknown
Timing: 13:58:11 (06 October 2022) – 13:58:13 (06 October 2022)
Processor: costume-loader (version v0.1.0)
Processor Location: http://localhost:5005/plugins/costume-loader%40v0-1-0/
▶ Result Log
▶ Parameters
Notes
Heading
Type / to use the slash commands...
Output
entities.json (version 1)
Preview With:
json-visualization
▼ Visualization Options
JSON File
http://host.docker.internal:9090/experiments/1/data/entities.json/download?version=1
choose file
The URL to a JSON file.


QhanaUi
localhost:8080/#/experiments/1/workspace/muse/data-preperation/wu-palmer-cache@v0-1-0
QHAna
Info
Workspace
Data
Timeline
Workshop
Template
MUSE
Search plugins
Load data
Plugin for loading costume data
1/1
Data Preperation
Plugins for Data Preperation
0/6
Aggregators(@v0.1.0)
Multidimensional Scaling (MDS)(@v0.1.0)
Similarities to distances transformers(@v0.1.0)
Sym Max Mean attribute comparer(@v0.1.0)
Wu Palmer similarities(@v0.1.0)
Wu-Palmer cache generator(@v0.1.0)
Quantum Part
Plugin for Quantum Algorithm
0/1
Experiment Workspace
Wu-Palmer cache generator (@v0.1.0)
similarity-cache-generation
Generates a cache of similarity values based on a taxonomy.
Taxonomies URL
http://host.docker.internal:9090/experiments/1/data/taxonomies.zip/download?version=1
choose file
Selected File: taxonomies.zip (v1) graphs – application/zip
URL to zip file with taxonomies.
validate
submit


QhanaUi
localhost:8080/#/experiments/1/timeline/2
QHAna
Info
Workspace
Data
Timeline
Workshop
Timeline Step
Step 2 (wu-palmer-cache@v0.1.0)
Status:
SUCCESS
Result Quality:
Result Quality
unknown
Timing: 14:02:21 (06 October 2022) – 14:02:31 (06 October 2022)
Processor: wu-palmer-cache (version v0.1.0)
Processor Location: http://localhost:5005/plugins/wu-palmer-cache%40v0-1-0/
▶ Result Log
▶ Parameters
Notes
Heading
Type / to use the slash commands...
Output
wu_palmer_cache.zip (version 1)
Preview With:
No Preview Available
Select a Preview Option
Input


QhanaUi
localhost:8080/#/experiments/1/workspace/muse/data-preperation/wu-palmer@v0-1-0
QHAna
Info
Workspace
Data
Timeline
Workshop
Template
MUSE
Search plugins
Load data
Plugin for loading costume data
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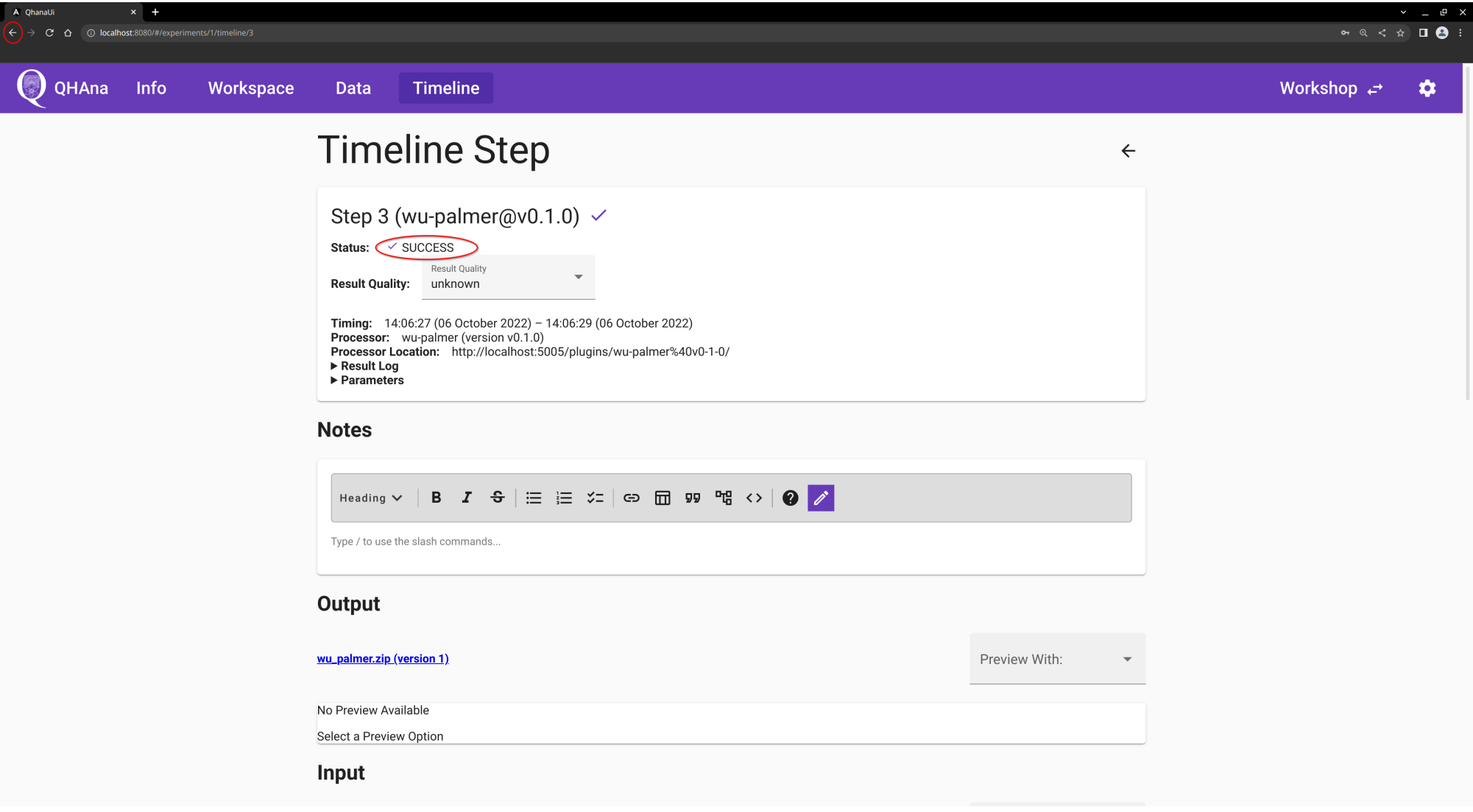
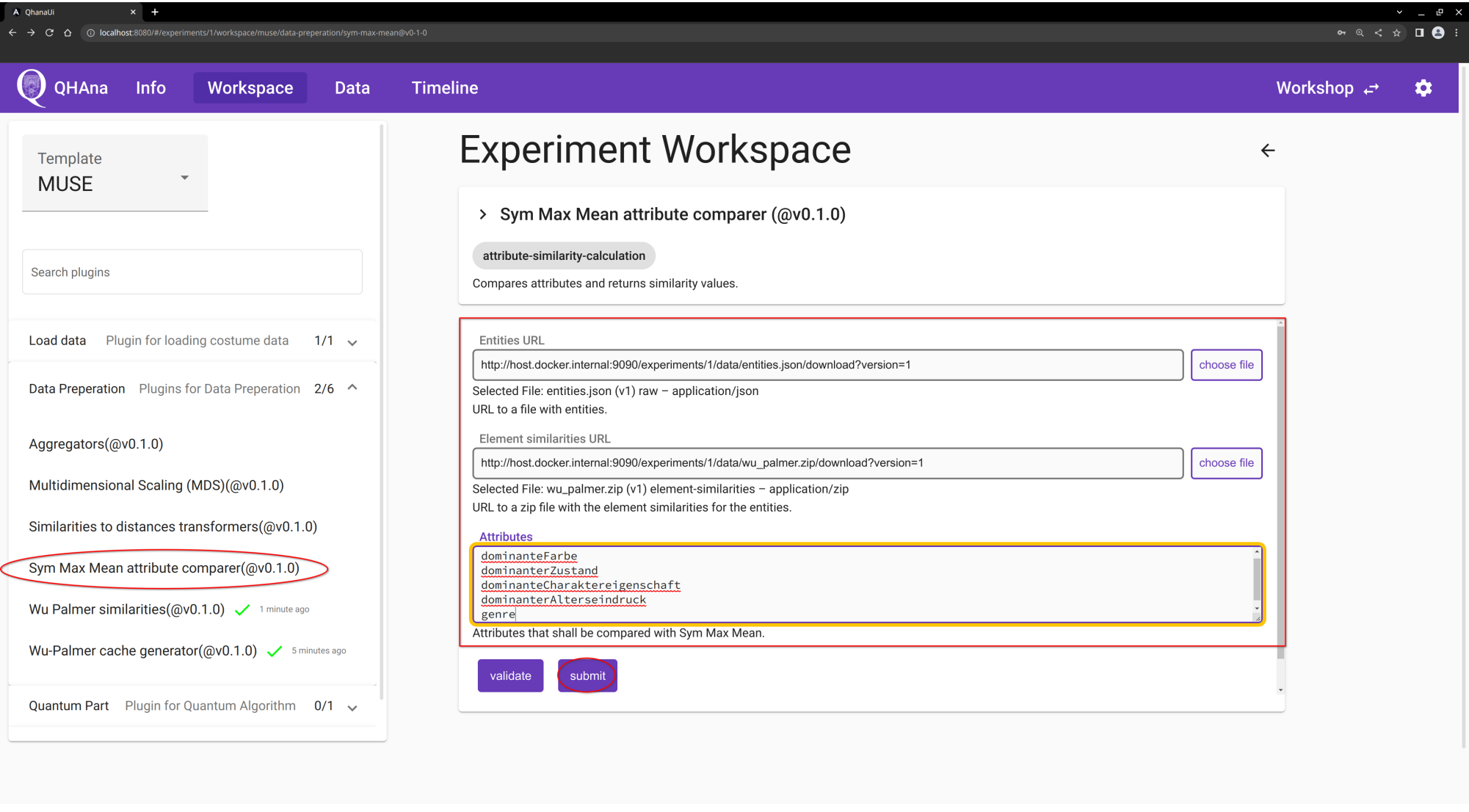
Data Preperation
Plugins for Data Preperation
1/6
Aggregators(@v0.1.0)
Multidimensional Scaling (MDS)(@v0.1.0)
Similarities to distances transformers(@v0.1.0)
Sym Max Mean attribute comparer(@v0.1.0)
Wu Palmer similarities(@v0.1.0)
Wu-Palmer cache generator(@v0.1.0)
1 minute ago
Quantum Part
Plugin for Quantum Algorithm
0/1
Plugins that were executed already are marked as such
Experiment Workspace
Wu Palmer similarities (@v0.1.0)
similarity-calculation
Compares elements and returns similarity values.
Entities URL
http://host.docker.internal:9090/experiments/1/data/entities.json/download?version=1
choose file
Selected File: entities.json (v1) raw – application/json
URL to a file with entities.
Entities Attribute Metadata URL
http://host.docker.internal:9090/experiments/1/data/attribute_metadata.json/download?version=1
choose file
Selected File: attribute_metadata.json (v1) attribute-metadata – application/json
URL to a file with the attribute metadata for the entities.
Cache URL
http://host.docker.internal:9090/experiments/1/data/wu_palmer_cache.zip/download?version=1
choose file
Selected File: wu_palmer_cache.zip (v1) wu-palmer-cache – application/zip
URL to a file with the Wu Palmer cache.
Attributes
dominanteFarbe
dominanterZustand
dominanteCharaktereigenschaft
dominanterAlterseindruck
genre
Attributes for which the similarity shall be computed.
validate
submit


QhanaUi
localhost:8080/#/experiments/1/timeline/3
QHAna
Info
Workspace
Data
Timeline
Workshop
Timeline Step
Step 3 (wu-palmer@v0.1.0)
Status: SUCCESS
Result Quality:
Result Quality
unknown
Timing: 14:06:27 (06 October 2022) – 14:06:29 (06 October 2022)
Processor: wu-palmer (version v0.1.0)
Processor Location: http://localhost:5005/plugins/wu-palmer%40v0-1-0/
▶ Result Log
▶ Parameters
Notes
Heading
Type / to use the slash commands...
Output
wu_palmer.zip (version 1)
Preview With:
No Preview Available
Select a Preview Option
Input


QhanaUi
localhost:8080/#/experiments/1/workspace/muse/data-preperation/sym-max-mean@v0-1-0
QHAna
Info
Workspace
Data
Timeline
Workshop
Template
MUSE
Search plugins
Load data
Plugin for loading costume data
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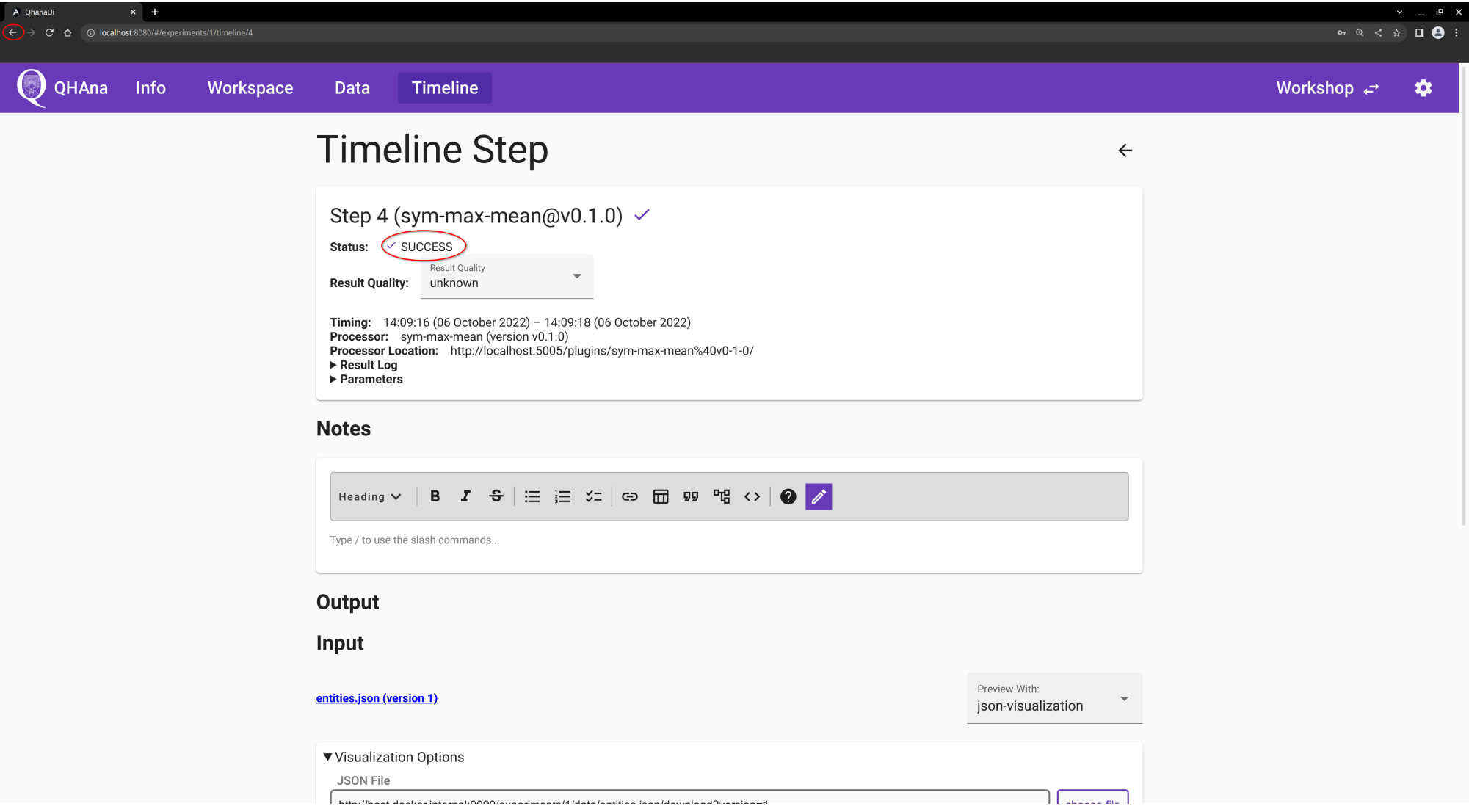
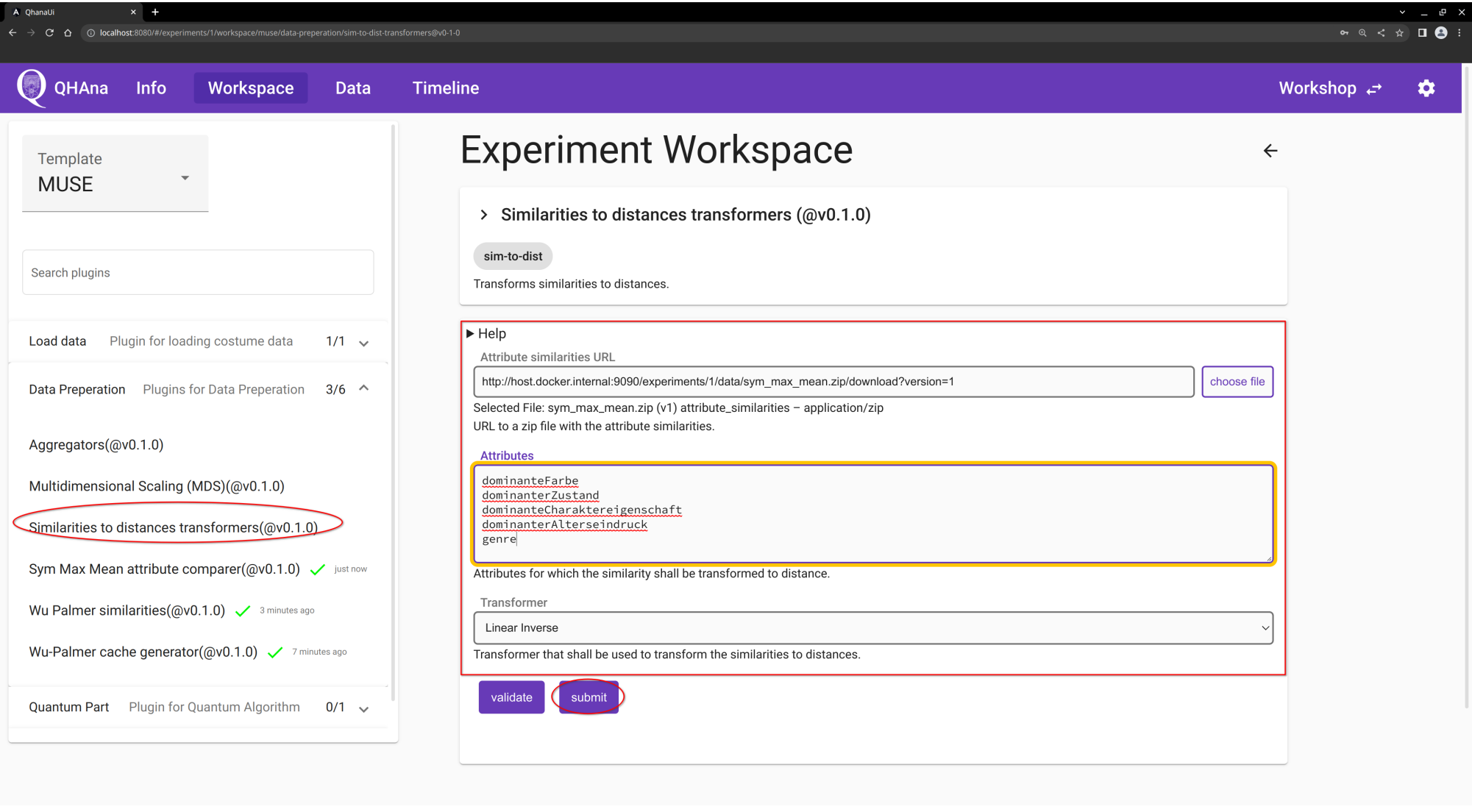
Data Preperation
Plugins for Data Preperation
2/6
Aggregators(@v0.1.0)
Multidimensional Scaling (MDS)(@v0.1.0)
Similarities to distances transformers(@v0.1.0)
Sym Max Mean attribute comparer(@v0.1.0)
Wu Palmer similarities(@v0.1.0)
1 minute ago
Wu-Palmer cache generator(@v0.1.0)
5 minutes ago
Quantum Part
Plugin for Quantum Algorithm
0/1
Experiment Workspace
Sym Max Mean attribute comparer (@v0.1.0)
attribute-similarity-calculation
Compares attributes and returns similarity values.
Entities URL
http://host.docker.internal:9090/experiments/1/data/entities.json/download?version=1
choose file
Selected File: entities.json (v1) raw – application/json
URL to a file with entities.
Element similarities URL
http://host.docker.internal:9090/experiments/1/data/wu_palmer.zip/download?version=1
choose file
Selected File: wu_palmer.zip (v1) element-similarities – application/zip
URL to a zip file with the element similarities for the entities.
Attributes
dominanteFarbe
dominanterZustand
dominanteCharaktereigenschaft
dominanterAlterseindruck
genre
Attributes that shall be compared with Sym Max Mean.
validate
submit


QhanaUi
localhost:8080/#/experiments/1/timeline/4
QHAna
Info
Workspace
Data
Timeline
Workshop
Timeline Step
Step 4 (sym-max-mean@v0.1.0)
Status:
SUCCESS
Result Quality:
Result Quality
unknown
Timing: 14:09:16 (06 October 2022) – 14:09:18 (06 October 2022)
Processor: sym-max-mean (version v0.1.0)
Processor Location: http://localhost:5005/plugins/sym-max-mean%40v0-1-0/
▶ Result Log
▶ Parameters
Notes
Heading
Type / to use the slash commands...
Output
Input
entities.json (version 1)
Preview With:
json-visualization
▼ Visualization Options
JSON File


QhanaUi
localhost:8080/#/experiments/1/workspace/muse/data-preperation/sim-to-dist-transformers@v0-1-0
QHAna
Info
Workspace
Data
Timeline
Workshop
Template
MUSE
Search plugins
Load data
Plugin for loading costume data
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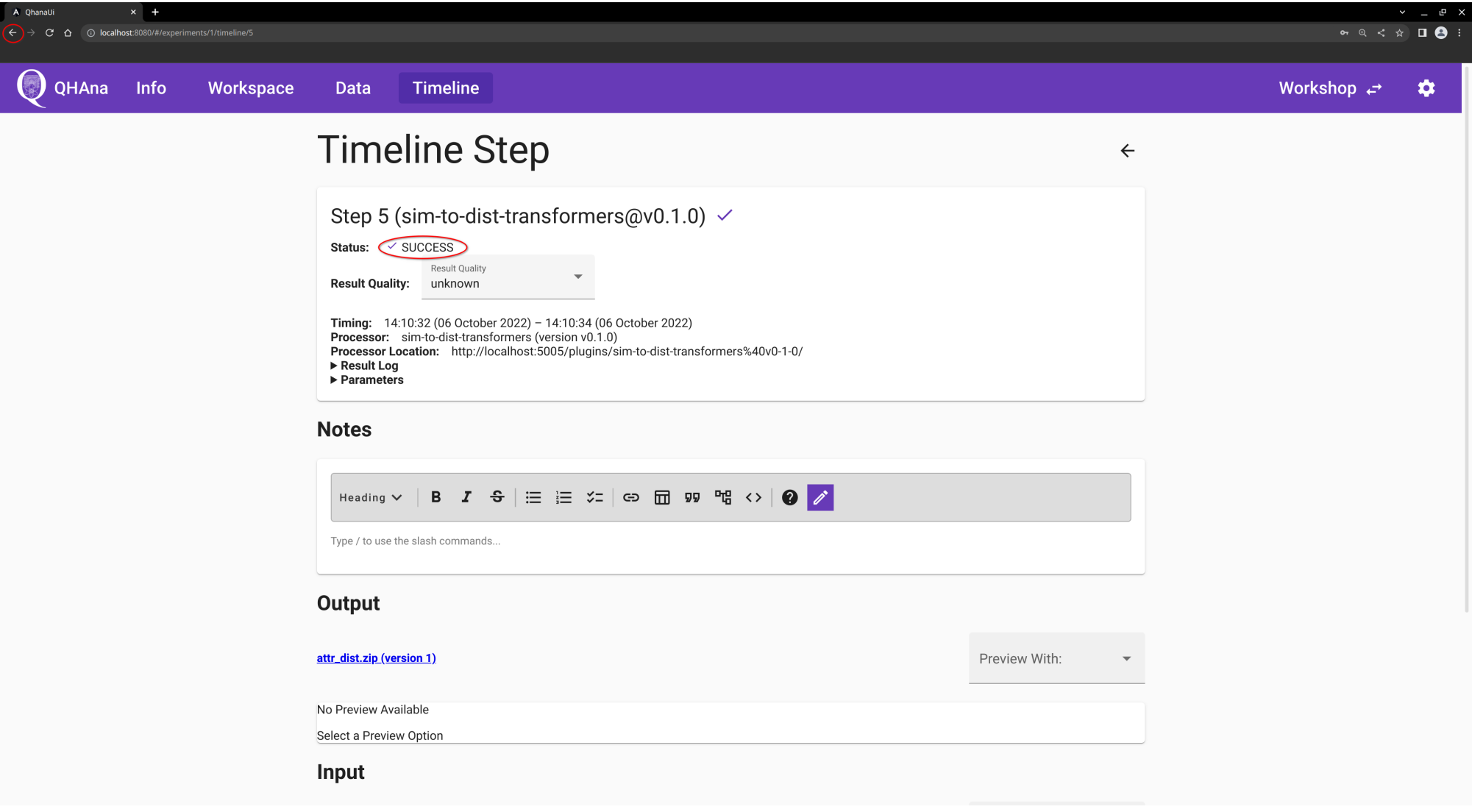
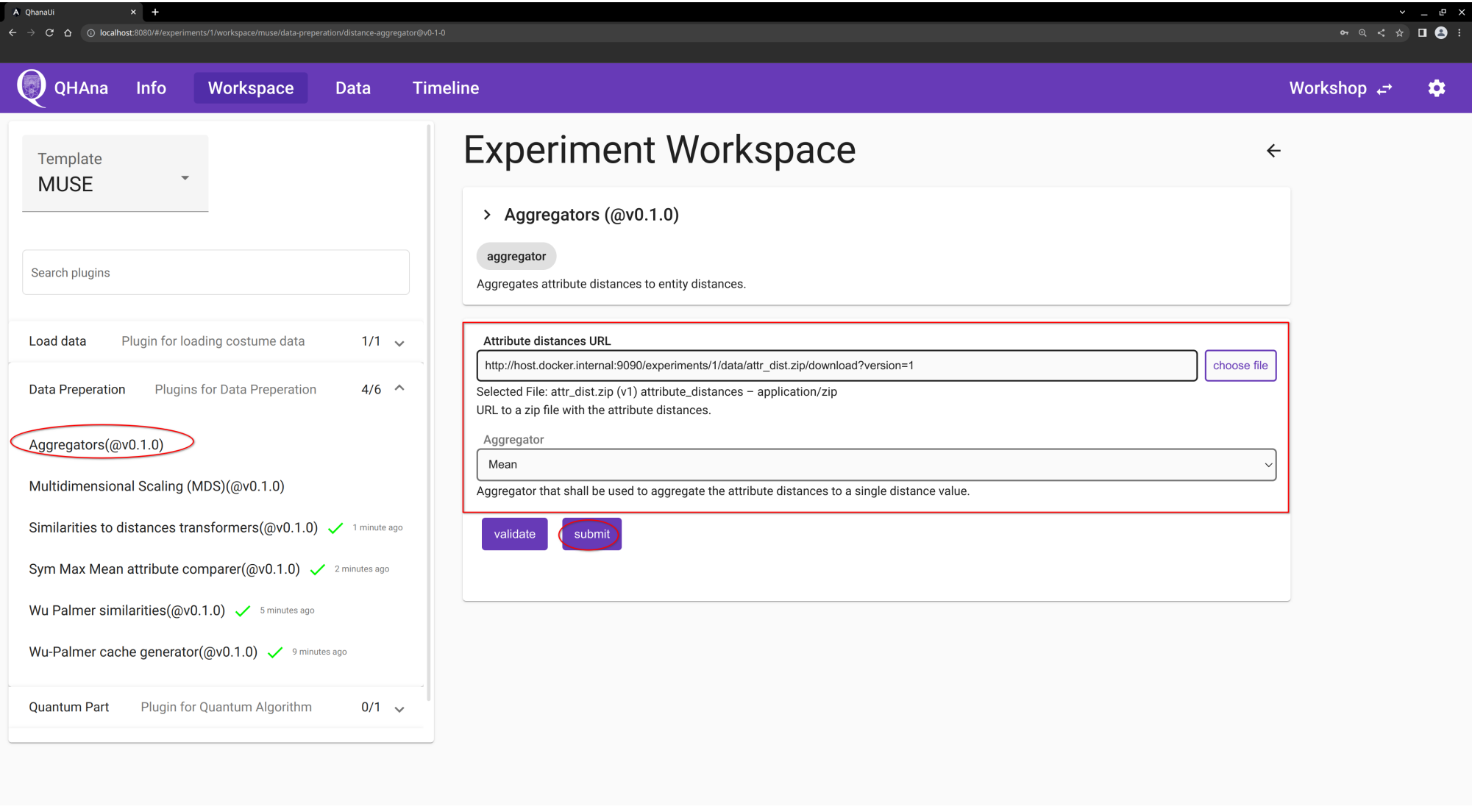
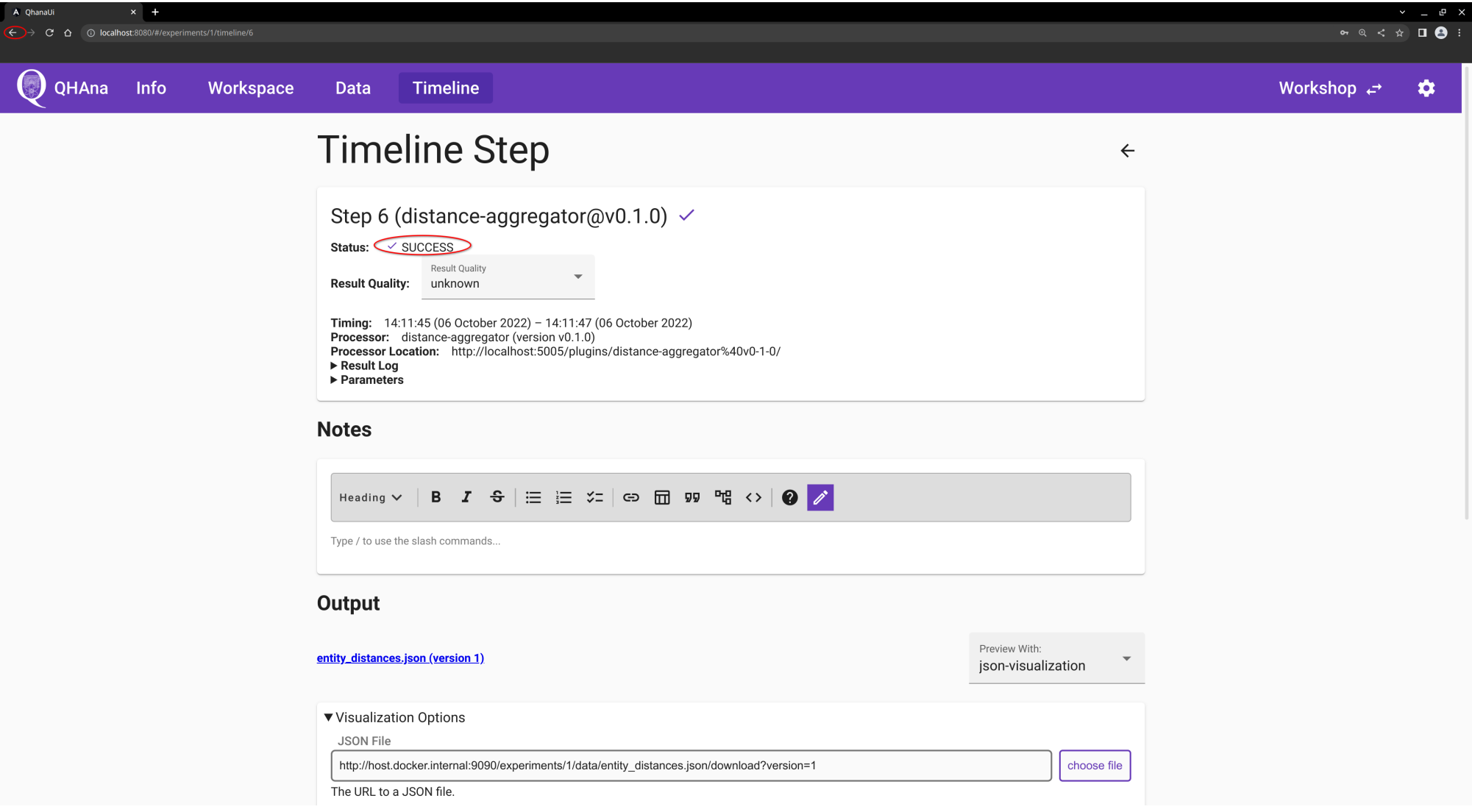
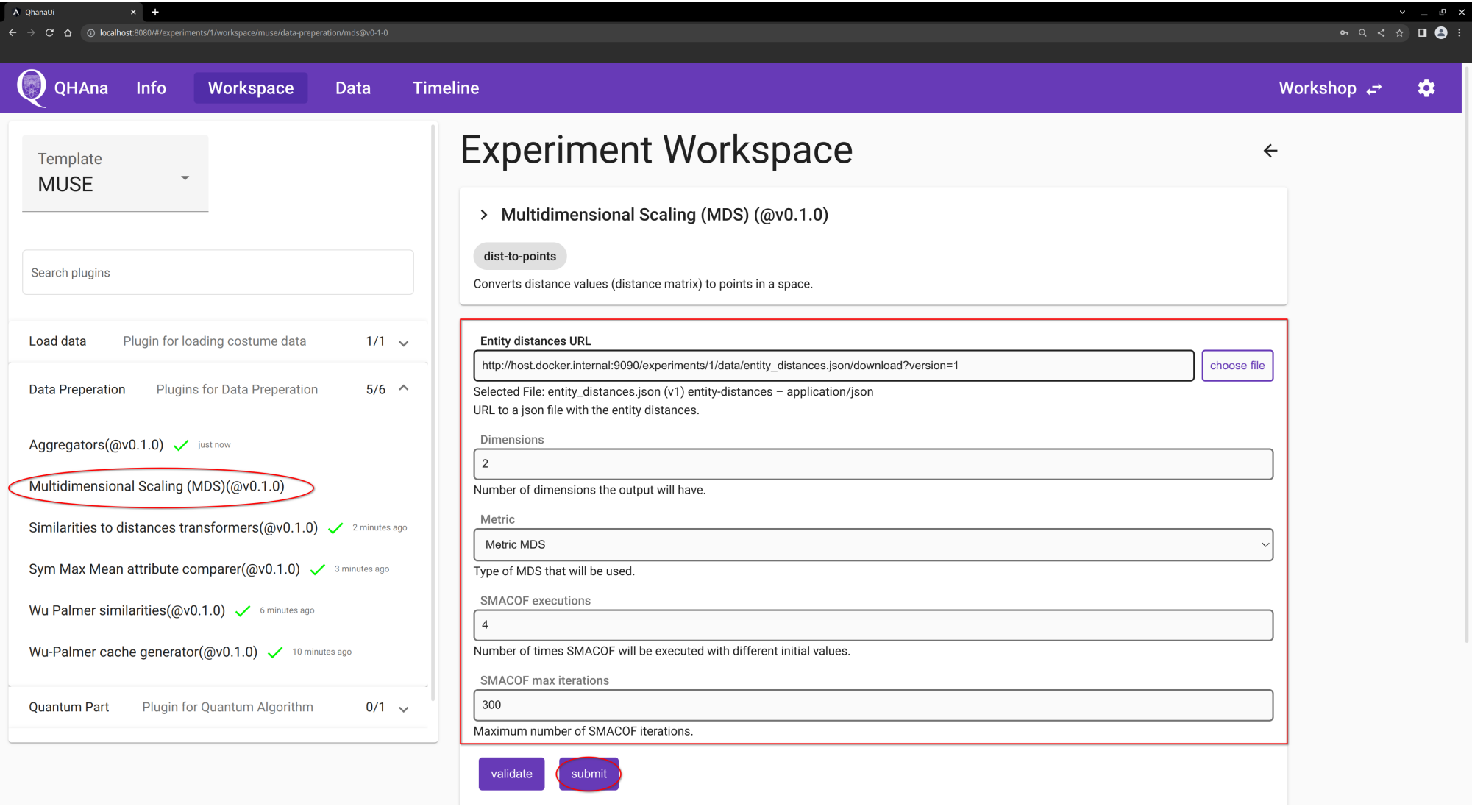
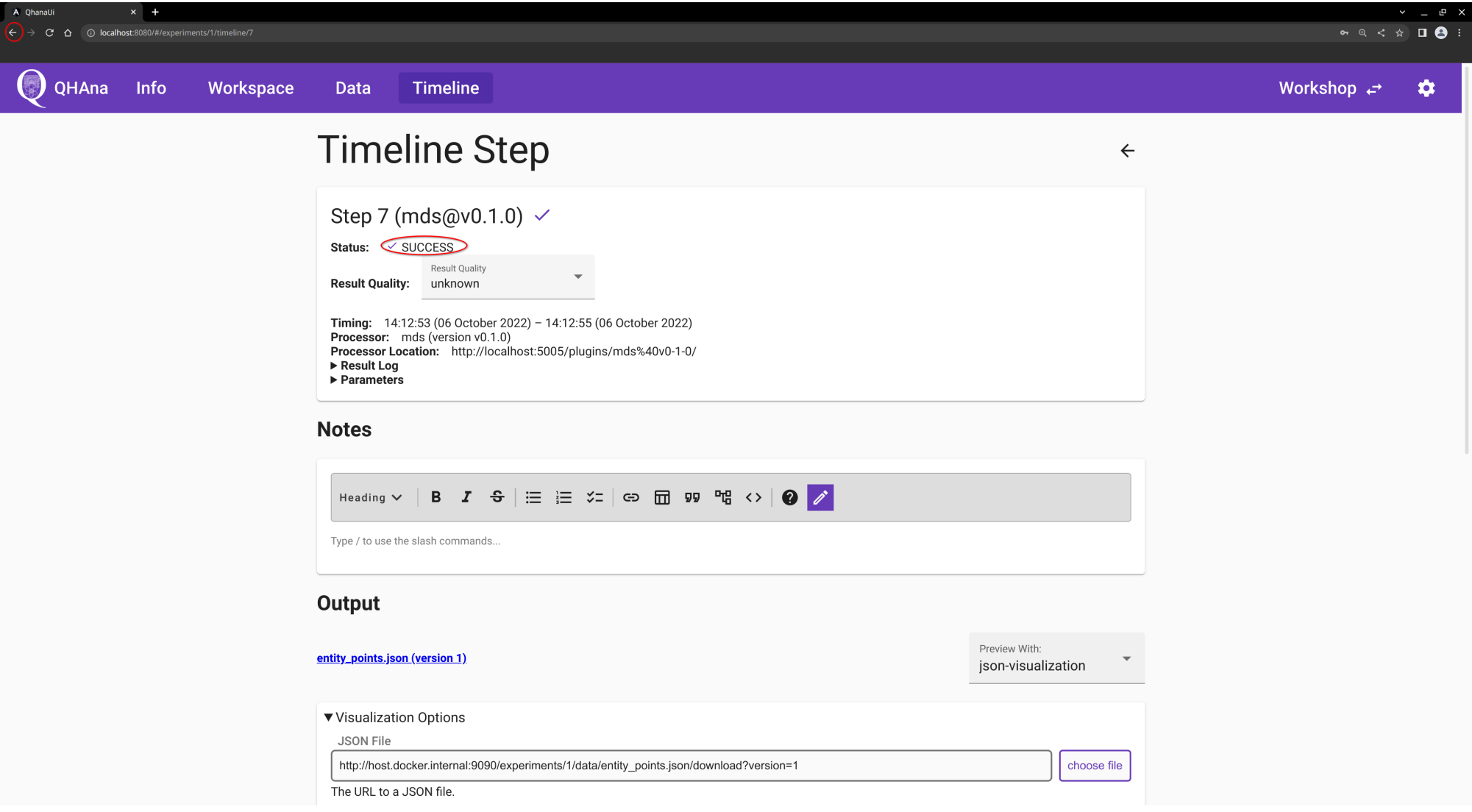
Data Preperation
Plugins for Data Preperation
3/6
Aggregators(@v0.1.0)
Multidimensional Scaling (MDS)(@v0.1.0)
Similarities to distances transformers(@v0.1.0)
Sym Max Mean attribute comparer(@v0.1.0)
just now
Wu Palmer similarities(@v0.1.0)
3 minutes ago
Wu-Palmer cache generator(@v0.1.0)
7 minutes ago
Quantum Part
Plugin for Quantum Algorithm
0/1
Experiment Workspace
Similarities to distances transformers (@v0.1.0)
sim-to-dist
Transforms similarities to distances.
Help
Attribute similarities URL
http://host.docker.internal:9090/experiments/1/data/sym_max_mean.zip/download?version=1
choose file
Selected File: sym_max_mean.zip (v1) attribute_similarities – application/zip
URL to a zip file with the attribute similarities.
Attributes
dominanteFarbe
dominanterZustand
dominanteCharaktereigenschaft
dominanterAlterseindruck
genre
Attributes for which the similarity shall be transformed to distance.
Transformer
Linear Inverse
Transformer that shall be used to transform the similarities to distances.
validate
submit

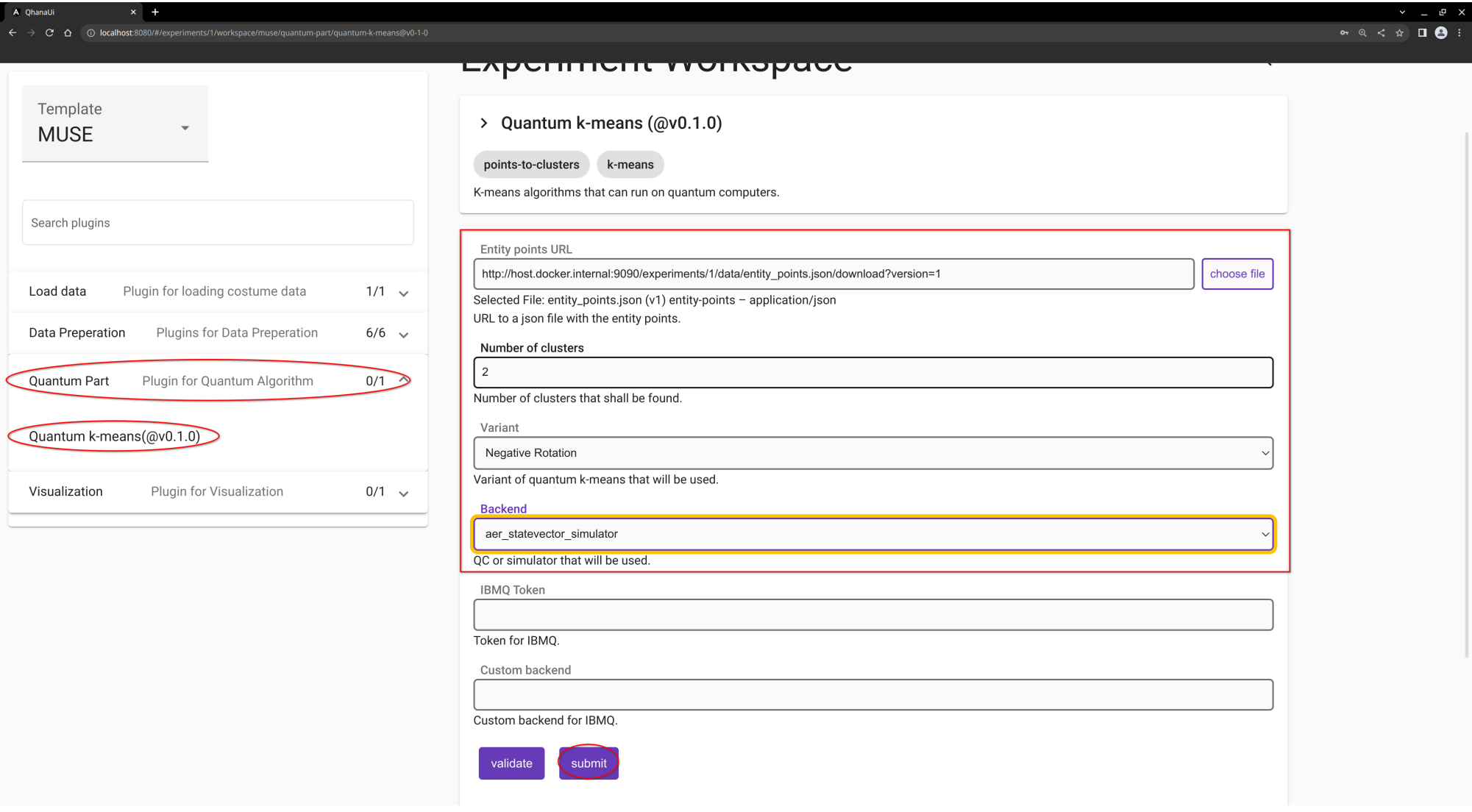

QhanaUi
localhost:8080/#/experiments/1/timeline/5
QHAna
Info
Workspace
Data
Timeline
Workshop
Timeline Step
Step 5 (sim-to-dist-transformers@v0.1.0)
Status:
SUCCESS
Result Quality:
Result Quality
unknown
Timing: 14:10:32 (06 October 2022) – 14:10:34 (06 October 2022)
Processor: sim-to-dist-transformers (version v0.1.0)
Processor Location: http://localhost:5005/plugins/sim-to-dist-transformers%40v0-1-0/
▶ Result Log
▶ Parameters
Notes
Heading
Type / to use the slash commands...
Output
attr_dist.zip (version 1)
Preview With:
No Preview Available
Select a Preview Option
Input

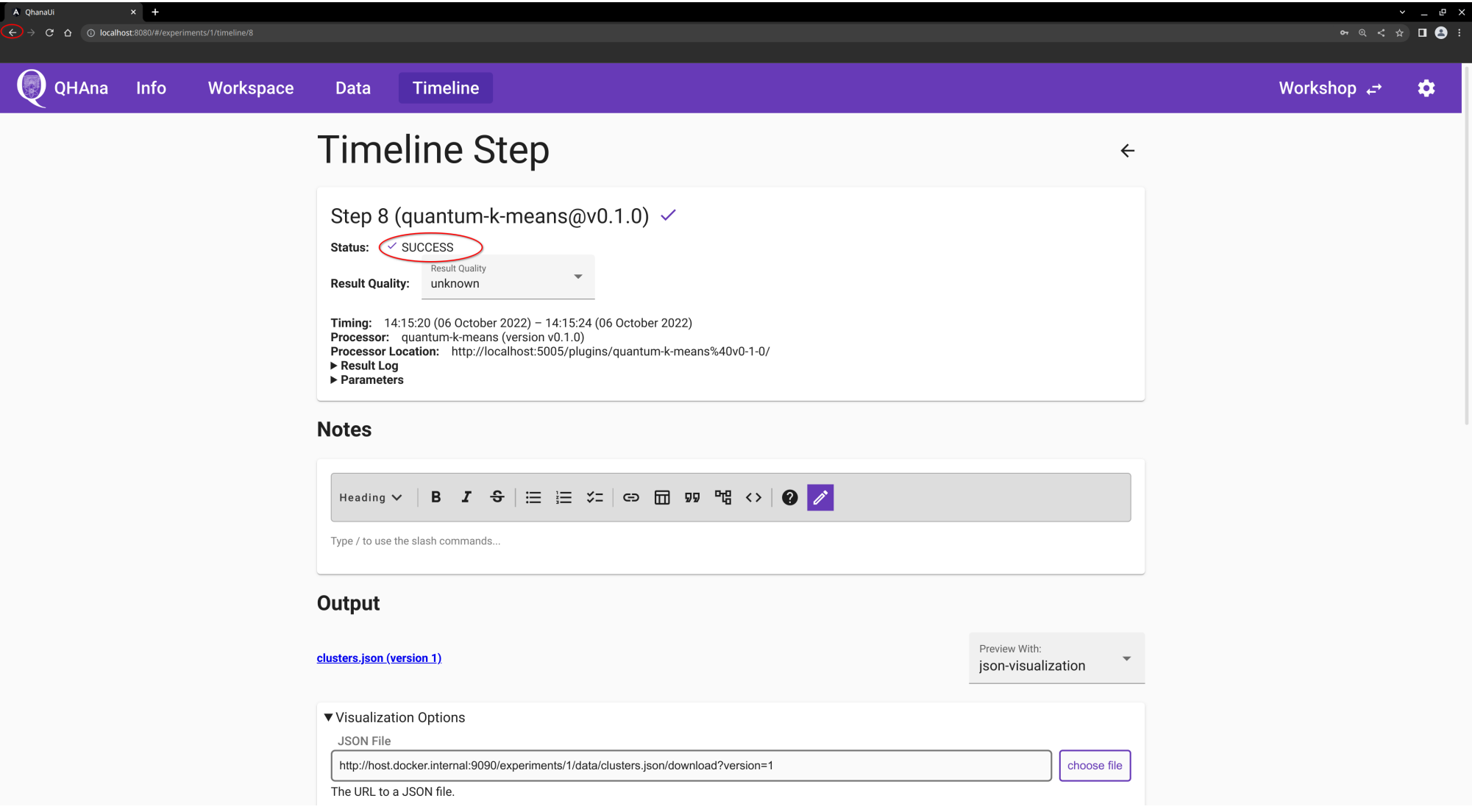

QhanaUi
localhost:8080/#/experiments/1/workspace/muse/data-preperation/distance-aggregator@v0-1-0
QHAna
Info
Workspace
Data
Timeline
Workshop
Template
MUSE
Search plugins
Load data
Plugin for loading costume data
1/1
Data Preperation
Plugins for Data Preperation
4/6
Aggregators(@v0.1.0)
Multidimensional Scaling (MDS)(@v0.1.0)
Similarities to distances transformers(@v0.1.0)
1 minute ago
Sym Max Mean attribute comparer(@v0.1.0)
2 minutes ago
Wu Palmer similarities(@v0.1.0)
5 minutes ago
Wu-Palmer cache generator(@v0.1.0)
9 minutes ago
Quantum Part
Plugin for Quantum Algorithm
0/1
Experiment Workspace
Aggregators (@v0.1.0)
aggregator
Aggregates attribute distances to entity distances.
Attribute distances URL
http://host.docker.internal:9090/experiments/1/data/attr_dist.zip/download?version=1
choose file
Selected File: attr_dist.zip (v1) attribute_distances – application/zip
URL to a zip file with the attribute distances.
Aggregator
Mean
Aggregator that shall be used to aggregate the attribute distances to a single distance value.
validate
submit

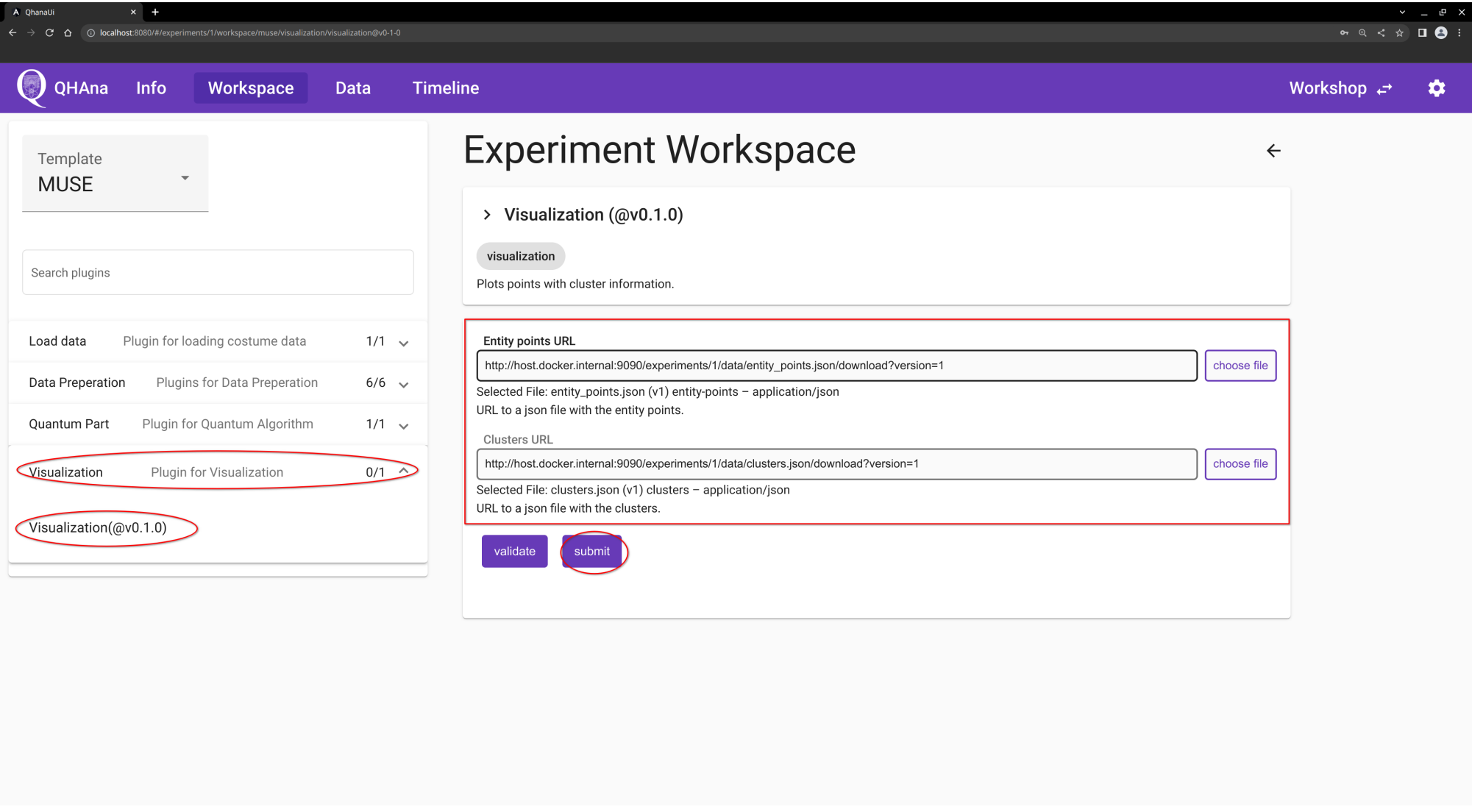

QhanaUi
localhost:8080/#/experiments/1/timeline/6
QHAna
Info
Workspace
Data
Timeline
Workshop
Timeline Step
Step 6 (distance-aggregator@v0.1.0)
Status: SUCCESS
Result Quality:
Result Quality
unknown
Timing: 14:11:45 (06 October 2022) – 14:11:47 (06 October 2022)
Processor: distance-aggregator (version v0.1.0)
Processor Location: http://localhost:5005/plugins/distance-aggregator%40v0-1-0/
▶ Result Log
▶ Parameters
Notes
Heading
Type / to use the slash commands...
Output
entity_distances.json (version 1)
Preview With:
json-visualization
▼ Visualization Options
JSON File
http://host.docker.internal:9090/experiments/1/data/entity_distances.json/download?version=1
choose file
The URL to a JSON file.

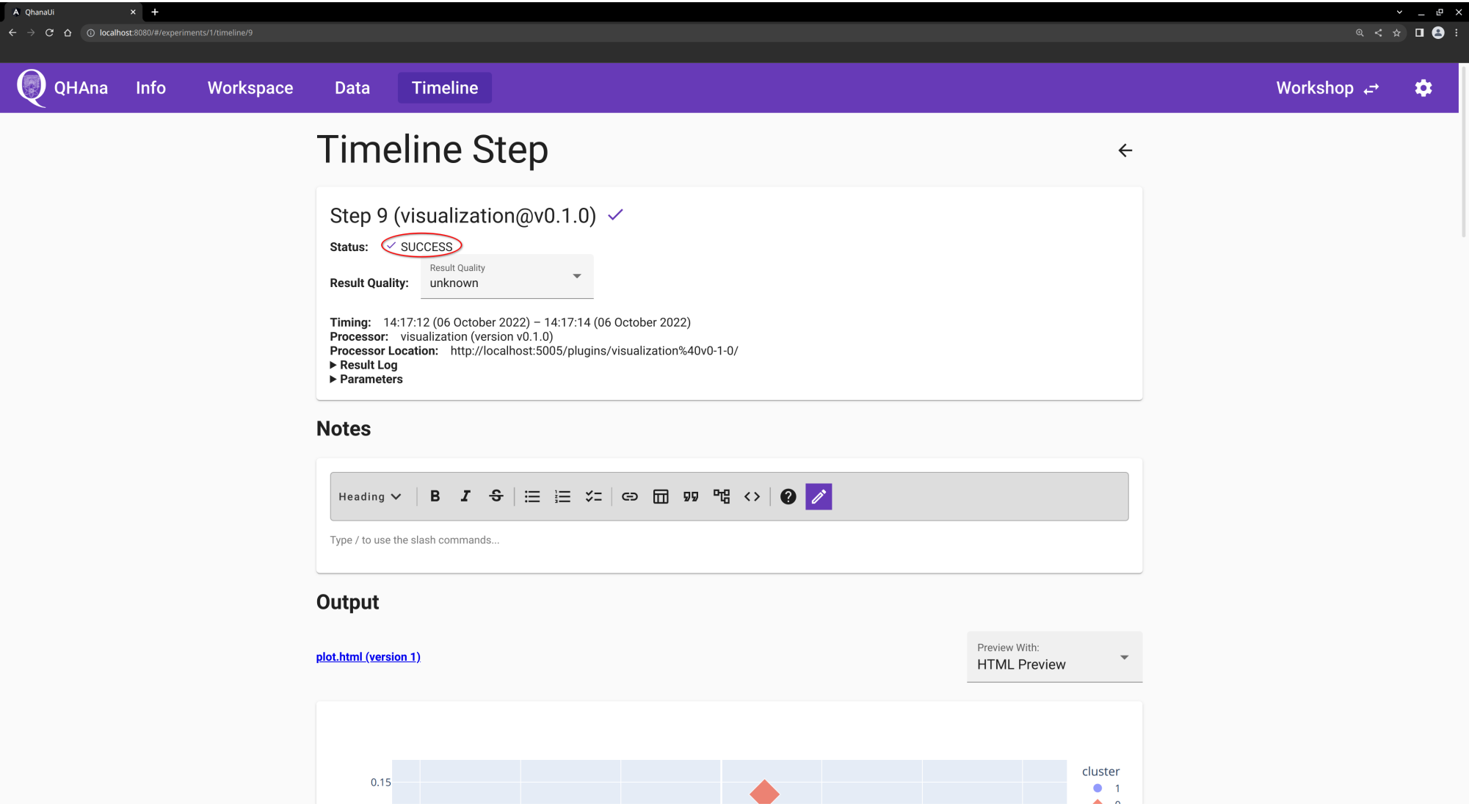

QhanaUi
localhost:8080/#/experiments/1/workspace/muse/data-preperation/mds@v0-1-0
QHAna
Info
Workspace
Data
Timeline
Workshop
Template
MUSE
Search plugins
Load data
Plugin for loading costume data
1/1
Data Preperation
Plugins for Data Preperation
5/6
Aggregators(@v0.1.0)
just now
Multidimensional Scaling (MDS)(@v0.1.0)
Similarities to distances transformers(@v0.1.0)
2 minutes ago
Sym Max Mean attribute comparer(@v0.1.0)
3 minutes ago
Wu Palmer similarities(@v0.1.0)
6 minutes ago
Wu-Palmer cache generator(@v0.1.0)
10 minutes ago
Quantum Part
Plugin for Quantum Algorithm
0/1
Experiment Workspace
Multidimensional Scaling (MDS) (@v0.1.0)
dist-to-points
Converts distance values (distance matrix) to points in a space.
Entity distances URL
http://host.docker.internal:9090/experiments/1/data/entity_distances.json/download?version=1
choose file
Selected File: entity_distances.json (v1) entity-distances – application/json
URL to a json file with the entity distances.
Dimensions
2
Number of dimensions the output will have.
Metric
Metric MDS
Type of MDS that will be used.
SMACOF executions
4
Number of times SMACOF will be executed with different initial values.
SMACOF max iterations
300
Maximum number of SMACOF iterations.
validate
submit


QhanaUi
localhost:8080/#/experiments/1/timeline/7
QHAna
Info
Workspace
Data
Timeline
Workshop
Timeline Step
Step 7 (mds@v0.1.0)
Status:
SUCCESS
Result Quality:
Result Quality
unknown
Timing: 14:12:53 (06 October 2022) – 14:12:55 (06 October 2022)
Processor: mds (version v0.1.0)
Processor Location: http://localhost:5005/plugins/mds%40v0-1-0/
▶ Result Log
▶ Parameters
Notes
Heading
Type / to use the slash commands...
Output
entity_points.json (version 1)
Preview With:
json-visualization
▼ Visualization Options
JSON File
http://host.docker.internal:9090/experiments/1/data/entity_points.json/download?version=1
choose file
The URL to a JSON file.


QhanaUi
localhost:8080/#/experiments/1/workspace/muse/quantum-part/quantum-k-means@v0-1-0
Experiment Workspace
Template
MUSE
Search plugins
Load data
Plugin for loading costume data
1/1
Data Preperation
Plugins for Data Preperation
6/6
Quantum Part
Plugin for Quantum Algorithm
0/1
Quantum k-means(@v0.1.0)
Visualization
Plugin for Visualization
0/1
Quantum k-means (@v0.1.0)
points-to-clusters
k-means
K-means algorithms that can run on quantum computers.
Entity points URL
http://host.docker.internal:9090/experiments/1/data/entity_points.json/download?version=1
choose file
Selected File: entity_points.json (v1) entity-points – application/json
URL to a json file with the entity points.
Number of clusters
2
Number of clusters that shall be found.
Variant
Negative Rotation
Variant of quantum k-means that will be used.
Backend
aer_statevector_simulator
QC or simulator that will be used.
IBMQ Token
Token for IBMQ.
Custom backend
Custom backend for IBMQ.
validate
submit


QhanaUi
localhost:8080/#/experiments/1/timeline/8
QHAna
Info
Workspace
Data
Timeline
Workshop
Timeline Step
Step 8 (quantum-k-means@v0.1.0)
Status: SUCCESS
Result Quality:
Result Quality
unknown
Timing: 14:15:20 (06 October 2022) – 14:15:24 (06 October 2022)
Processor: quantum-k-means (version v0.1.0)
Processor Location: http://localhost:5005/plugins/quantum-k-means%40v0-1-0/
▶ Result Log
▶ Parameters
Notes
Heading
Type / to use the slash commands...
Output
clusters.json (version 1)
Preview With:
json-visualization
▼ Visualization Options
JSON File
http://host.docker.internal:9090/experiments/1/data/clusters.json/download?version=1
choose file
The URL to a JSON file.


QhanaUi
localhost:8080/#/experiments/1/workspace/muse/visualization/visualization@v0-1-0
QHAna
Info
Workspace
Data
Timeline
Workshop
Template
MUSE
Search plugins
Load data
Plugin for loading costume data
1/1
Data Preperation
Plugins for Data Preperation
6/6
Quantum Part
Plugin for Quantum Algorithm
1/1
Visualization
Plugin for Visualization
0/1
Visualization(@v0.1.0)
Experiment Workspace
Visualization (@v0.1.0)
visualization
Plots points with cluster information.
Entity points URL
http://host.docker.internal:9090/experiments/1/data/entity_points.json/download?version=1
choose file
Selected File: entity_points.json (v1) entity-points – application/json
URL to a json file with the entity points.
Clusters URL
http://host.docker.internal:9090/experiments/1/data/clusters.json/download?version=1
choose file
Selected File: clusters.json (v1) clusters – application/json
URL to a json file with the clusters.
validate
submit


QhanaUi
localhost:8080/#/experiments/1/timeline/9
QHAna
Info
Workspace
Data
Timeline
Workshop
Timeline Step
Step 9 (visualization@v0.1.0)
Status:
SUCCESS
Result Quality:
Result Quality
unknown
Timing: 14:17:12 (06 October 2022) – 14:17:14 (06 October 2022)
Processor: visualization (version v0.1.0)
Processor Location: http://localhost:5005/plugins/visualization%40v0-1-0/
▶ Result Log
▶ Parameters
Notes
Heading
Type / to use the slash commands...
Output
plot.html (version 1)
Preview With:
HTML Preview
0.15
cluster
1

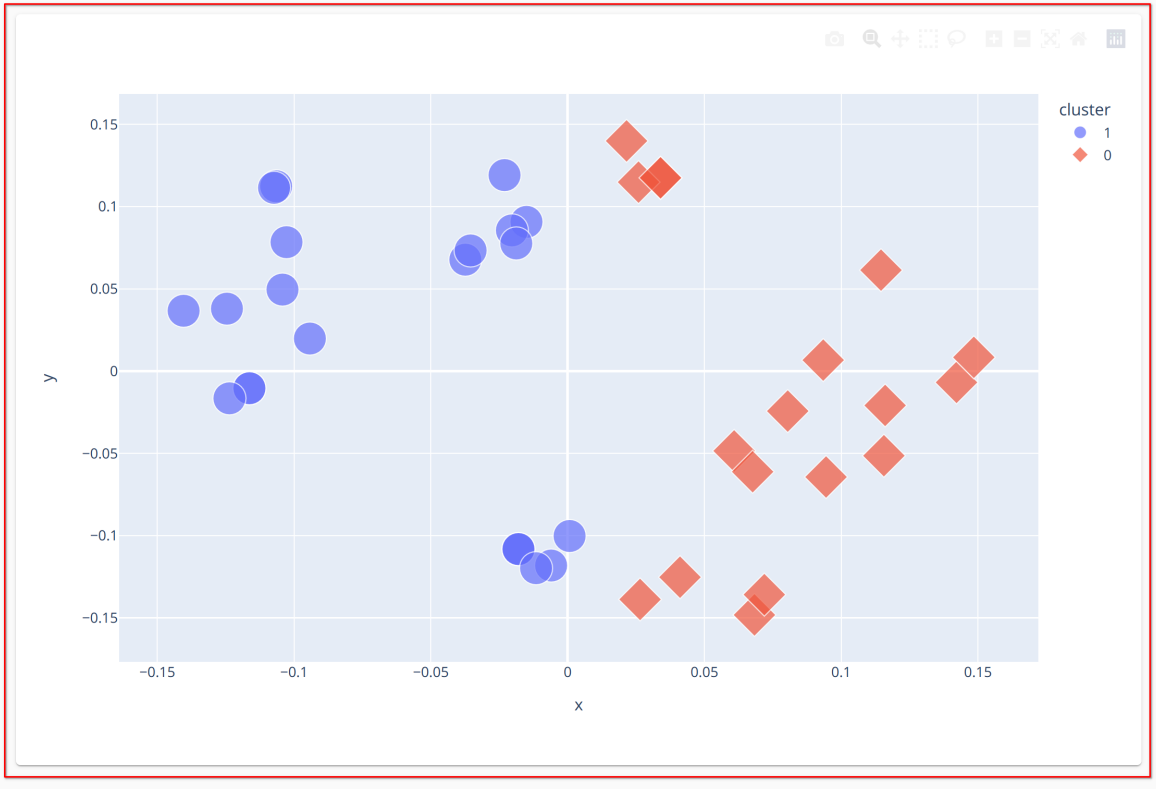
QhanaUi

localhost:8080/#/experiments/1/timeline/9

Output

plot.html (version 1)

Preview With:
HTML Preview



Input