

JEngine Interface API Specification v0.2.2

API Core Pfad:

http://domain.com:port/jengine/interface/{version}/{language}/scenario/{scenarioID}/

fragment/{fragmentID}/instance/{instanceID}/?
activity/{activityID} instance/{instanceID}/?
instance/{instanceID}/activityinstance/{ activityinstanceID}/?

if id = 0, all content should be displayed.

If only id is provided, display details for this ID (e.g. label, timestamp..)

Optionen:

Option	Value	Beschreibung
version	e.g. v1	
language	e.g. de; en	ISO 3166-1 alpha-2 Country Code description

The following parameters are supported:

Core Parameter

Parameter	Value (if null, display all)	Dependency id	Beschreibung
status simulation	{init, enabled, terminated, skipped} {true, false}		If true, value will be evaluated but not stored in database; usage: forecast model
limit	integer		

Examples

Get all Scenarios

http GET *http://domain.com:port/jengine/interface/{version}/{language}/scenario/0/*

returns JSON String with a list of available scenarios:

```
{"ids":{"26645095":"Sprintplanung","791216108":"ReiseTestScenario","1216953148":"TT2Scenario","748715910":"szenario","2668923940096947866":"scenario"}}
```

Get all Instances for a Scenario

http GET *http://domain.com:port/jengine/interface/{version}/{language}/scenario/1/instance/0/*

returns JSON String with a list of available instances of the scenario 1: {"ids":[47,48,49,50,51,52,53,54,55,58 5]}

Get all Activities for an Instance of a Scenario

http GET *http://domain.com:port/jengine/interface/{version}/{language}/scenario/1/instance/47/?status=enabled*

returns JSON String with a list of enabled activities for the instance 47 of the scenario 1:

```
{"ids":[5,4,16],"label":{"16":"ActivityFragment4","4":"Activity1Fragment2","5":"Activity2Fragment1"}}
```

Get details for an ActivityInstanceID

http GET *http://domain.com:port/jengine/interface/{version}/{language}/scenario/1/instance/47/activityinstance/43/*

returns JSON String with a list of enabled activities for the instance 47 of the scenario 1

Get all Dataobjects

http GET *http://172.16.64.113:8080/JEngine/interface/v1/en/scenario/1/instance/328/dataobject/0/*

returns JSON String with a list of enabled activities for the instance 47 of the scenario 1:

```
{"states":{"1":"bearbeitet","2":"init"},"ids":[1,2],"label":{"1":"object1","2":"object2"}}
```

Post update for an ActivityID

http POST *http://domain.com:port/jengine/interface/{version}/{language}/scenario/1/instance/47/activityinstance/43*

returns true

POST start a new Instance of a Scenario

http POST *http://domain.com:port/jengine/interface/{version}/{language}/?scenario=1&instance=47&action=start*

returns new Instance ID.