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/{activitiyID} 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	{init, enabled, terminated, skipped}		
simulation	{true, false}		If true, value will be evaluated but not stored in database; usage: forecast model
limit	integer		

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":[1,2,3,100,101]}
```

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

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.
```