JEngine Interface API Specification v 0.3

API Core Pfad:

http://domain.com:port/jengine/api/ | interface/{version}/
config/{version}/
comparser/{version}/

Category	Description
Interface	all calls related to the jFrontend and end user interaction
Config	All calls related to the configuration of the jcore
comparser	All calls related to the jComparser and its interaction

Optionen:

Option	Value	Description
version	e.g. v2	Currently, we are at version v2
language	e.g. de; en	ISO 3166-1 alpha-2 CountryCode description

The following parameters are supported:

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

Examples - interface

Get all Scenarios

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

```
returns JSON String with a list of available scenarios:
{"ids":{"26645095":"Sprintplanung","791216108":"ReiseTestScenario","1216953148":"TT2Scenario","748715910":"szenario"
,"2668923940096947866":"scenario"}}
```

Get detail information for a specific Scenario

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

```
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}/***scenario/1/instance/**

```
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 detail information for a Scenario Instance

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

```
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 all Activities for an Instance of a Scenario

http   GET   *http://domain.com:port/jengine/interface/{version}/***scenario/1/instance/47/activity/**?**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 ActivityID

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

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

Get all Dataobjects

http   GET   *http://domain.com:port/jengine/interface/{version}/scenario/1/instance/328/***dataobject/**

```
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"}}
```

Get detail information for a specific Dataobject

http   GET   *http://domain.com:port/jengine/interface/{version}/scenario/1/instance/328/***dataobject/45/**

```
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}/***scenario**/**1**/**instance**/**47**/**activity**/23/

```
returns true / false
```

POST update state for an ActivityID

http   POST   *http://domain.com:port/jengine/interface/{version}/***scenario**/**1**/**instance**/**47**/**activity**/23/?status=terminated

```
returns true / false
```

POST start a new Instance of a Scenario

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

```
returns new Instance ID.
```

POST start a new Instance of a Scenario

http   POST   *http://domain.com:port/jengine/interface/{version}/***scenario**/**1**/**instance**/
body {name}

```
returns true / false
```

Examples - config

Get all eMail tasks

http   GET   *http://domain.com:port/jengine/config/{version}/***emailtask/**

```
returns JSON String with a list of available scenarios:
{"ids":{"26645095":"Sprintplanung","791216108":"ReiseTestScenario","1216953148":"TT2Scenario","748715910":"szenario"
,"2668923940096947866":"scenario"}}
```

Get detail information for a specific eMail tasks

http   GET   *http://domain.com:port/jengine/ config /{version}/* **emailtask/23/**

```
returns JSON String with a list of available scenarios:
{"ids":{"26645095":"Sprintplanung","791216108":"ReiseTestScenario","1216953148":"TT2Scenario","748715910":"szenario"
,"2668923940096947866":"scenario"}}
```

Post update email task

http   POST   *http://domain.com:port/jengine/ config /{version}/* **emailtask/23/**

```
returns true / false
```

Examples - jcomparser

Get all scenarios

http GET *http://domain.com:port/jengine/ jcomparser /{version}/***scenarios/**

```
returns JSON String with a list of available scenarios:
{"ids":{"26645095":"Sprintplanung","791216108":"ReiseTestScenario","1216953148":"TT2Scenario","748715910":"szenario"
,"2668923940096947866":"scenario"}}
```

Get images for scenarios

http GET *http://domain.com:port/jengine/ jcomparser /{version}/***scenarios/34/image/**

```
returns JSON String with a list of available scenarios:
{"ids":{"26645095":"Sprintplanung","791216108":"ReiseTestScenario","1216953148":"TT2Scenario","748715910":"szenario"
,"2668923940096947866":"scenario"}}
```

Post launch import of scenario

http POST *http://domain.com:port/jengine/jcomparser/{version}/***launch/234/**

```
returns true / false
```