

# Test Steps - REST

## Test Step

- To view all the test steps, you need to specify the key of the Test you want to view the test steps.
- To view a specific test step, you need to specify the ID of the test step.
- To create a new test step, you need to send a JSON with the information you want the test step you have.
- To update a test step, you need to send a JSON with the information you want to update.
- To delete a test step, you need to specify the ID of the test step you want to delete.
- To view all the attachments of a test step, you need to specify the ID of the test step you want to view the attachments from.
- To delete an attachment, you need to specify the ID of the attachments you want to delete.

Return a json with the test step statuses available in Xray sorted by rank.

### Request



#### Example Request

```
curl -H "Content-Type: application/json" -X GET -u admin:admin http://yourserver/rest/raven/1.0/api/settings/teststepstatuses
```

### Responses

**200 OK** : **text/plain** : Successful. Return a json.

#### Example Output

```
[
  {
    "id": 1,
    "rank": 1,
    "name": "PASS",
    "description": "The test step has passed."
    "testStatusId": 1
  },
  {
    "id": 10,
    "rank": 10,
    "name": "SKIP",
    "description": "The test step has been skipped."
    "testStatusId": 1
  }
  ...
]
```

**401 UNAUTHORIZED** : **text/plain** : The Xray for JIRA license is not valid.

**500 INTERNAL SERVER ERROR** : **text/plain** : An internal error occurred getting the test steps.

Return a json with the test steps of a given test.

### Request

#### PATH PARAMETERS

parameter	type	description
testKey	String	- key of the test.



#### Example Request

```
curl -H "Content-Type: application/json" -X GET -u admin:admin http://yourserver/rest/raven/1.0/api/test/TEST-123/step
```

## Responses

**200 OK** : **text/plain** : Successful. Return a json.

### Example Output

```
[
  {
    "id":311,
    "index":1,
    "step":{
      "raw":"Enter the following operation on screen",
      "rendered":"<p>Enter the following operation on screen</p>"
    },
    "data":{
      "raw":"(1 + 1) * 2",
      "rendered":"<p>(1 + 1) * 2</p>"
    },
    "result":{
      "raw":"The expected result is *4*",
      "rendered":"<p>The expected result is <b>4</b></p>"
    },
    "attachments":[
    ]
  },
  {
    "id":312,
    "index":2,
    "step":{
      "raw":"test",
      "rendered":"<p>test</p>"
    },
    "data":{
      "raw":"test data",
      "rendered":"<p>test data</p>"
    },
    "result":{
      "raw":"expected data",
      "rendered":"<p>expected data</p>"
    },
    "attachments":[
      {
        "id":141,
        "fileName":"text.txt",
        "fileSize":"0,0 kB",
        "created":"Today 3:54 PM",
        "author":"admin",
        "fileURL":"http://YOURJIRA/jira/plugins/servlet/raven/attachment/141/text.txt"
      }
    ]
  }
]
```

**400 BAD\_REQUEST** : **text/plain** : Returns the error.

**401 UNAUTHORIZED** : **text/plain** : The Xray for JIRA license is not valid.

**500 INTERNAL\_SERVER\_ERROR** : **text/plain** : An internal error occurred getting the test steps.

Return a json with the test step with the given id.

## Request

### PATH PARAMETERS

parameter	type	description
testKey	String	- key of the test.
id	Integer	- ID of the test step.



### Example Request

```
curl -H "Content-Type: application/json" -X GET -u admin:admin http://yourserver/rest/raven/1.0/api/test/TEST-123/step/311
```

## Responses

**200 OK**

: **text/plain** : Successful. Return a json.

### Example Output

```
{
  "id": 311,
  "index": 1,
  "step": {
    "raw": "Enter the following operation on screen",
    "rendered": "<p>Enter the following operation on screen</p>"
  },
  "data": {
    "raw": "(1 + 1) * 2",
    "rendered": "<p>(1 + 1) * 2</p>"
  },
  "result": {
    "raw": "The expected result is *4*",
    "rendered": "<p>The expected result is <b>4</b></p>"
  },
  "attachments": [
  ]
}
```

**400 BAD\_REQUEST**

: **text/plain** : Returns the error.

**401 UNAUTHORIZED**

: **text/plain** : The Xray for JIRA license is not valid.

**500 INTERNAL\_SERVER\_ERROR**

: **text/plain** : An internal error occurred getting the test step.

Create a new test step.

## Request

### PATH PARAMETERS

parameter	type	description
testKey	<i>String</i>	- key of the test.

Example

### Example Input

```
{
  "step": "example step",
  "data": "example data",
  "result": "example result",
  "attachments": [
    {
      "data": "gsddfgdsfg...(base64) ",
      "filename": "example1.txt",
      "contentType": "plain/text"
    },
    {
      "data": "gsddfgdsfg...(base64) ",
      "filename": "example2.txt",
      "contentType": "plain/text"
    }
  ]
}
```



### Example Request

```
curl -H "Content-Type: application/json" -X PUT -u admin:admin --data @example.json http://yourserver/rest/raven/1.0/api/test/TEST-123/step
```

## Responses

**200 OK** : **text/plain** : Successful.

**400 BAD\_REQUEST** : **text/plain** : Returns the error.

**401 UNAUTHORIZED** : **text/plain** : The Xray for JIRA license is not valid.

**500 INTERNAL\_SERVER\_ERROR** : **text/plain** : An internal error occurred creating the test step.

Update a specific test step.

## Request

### PATH PARAMETERS

parameter	type	description
testKey	<i>String</i>	- key of the test.
id	<i>Integer</i>	- ID of the test step.

### Example

#### Example Input

```
{
  "step": "example step",
  "data": "example data",
  "result": "example result",
  "attachments": {
    "add": [ {
      "data": "gsddfgdsfg...(base64) ",
      "filename": "example1.txt",
      "contentType": "plain/text"
    }, {
      "data": "gsddfgdsfg...(base64) ",
      "filename": "example2.txt",
      "contentType": "plain/text"
    } ],
    "remove": [
      141,
      105
    ]
  }
}
```



#### Example Request

```
curl -H "Content-Type: application/json" -X POST -u admin:admin --data @example.json http://yourserver/rest/raven/1.0/api/test/TEST-123/step/1
```

## Responses

**200 OK** : **text/plain** : Successful.

**400 BAD\_REQUEST** : **text/plain** : Returns the error.

**401 UNAUTHORIZED** : **text/plain** : The Xray for JIRA license is not valid.

**500 INTERNAL\_SERVER\_ERROR** : **text/plain** : An internal error occurred updating the test step.

Remove a test step from a test.

## Request

### PATH PARAMETERS

parameter	type	description
testKey	<i>String</i>	- key of the test.
id	<i>Integer</i>	- ID of the test step.



#### Example Request

```
curl -H "Content-Type: application/json" -X DELETE -u admin:admin http://yourserver/rest/raven/1.0/api/test/TEST-123/step/1
```

## Responses

**200 OK** : **text/plain** : Successful.

**400 BAD\_REQUEST** : **text/plain** : Returns the error.

**401 UNAUTHORIZED** : **text/plain** : The Xray for JIRA license is not valid.

**500 INTERNAL\_SERVER\_ERROR** : **text/plain** : An internal error occurred deleting the test step.

Return a json with all the test step attachments.

## Request

### PATH PARAMETERS

parameter	type	description
testKey	<i>String</i>	- key of the test.
id	<i>Integer</i>	- ID of the test step.



#### Example Request

```
curl -H "Content-Type: application/json" -X GET -u admin:admin http://yourserver/rest/raven/1.0/api/test/TEST-123/step/1/attachment
```

## Responses

**200 OK** : **text/plain** : Successful. Return a json.

### Example Output

```
[
  {
    "id":141,
    "fileName":"text.txt",
    "fileSize":"8,0 kB",
    "created":"Today 3:54 PM",
    "author":"admin",
    "fileURL":"http://YOURJIRA/jira/plugins/servlet/raven/attachment/141/TEST1.txt "
  },
  {
    "id":147,
    "fileName":"text.txt",
    "fileSize":"3,0 kB",
    "created":"Today 3:54 PM",
    "author":"admin",
    "fileURL":"http://YOURJIRA/jira/plugins/servlet/raven/attachment/147/TEST2.txt "
  }
]
```

**400 BAD\_REQUEST** : **text/plain** : Returns the error.

**401 UNAUTHORIZED** : **text/plain** : The Xray for JIRA license is not valid.

**500 INTERNAL\_SERVER\_ERROR** : **text/plain** : An internal error occurred getting the test step attachments.

Remove an attachment from a test step.

## Request

### PATH PARAMETERS

parameter	type	description
testKey	<i>String</i>	- key of the test.
id	<i>Integer</i>	- ID of the test step.
attachmentID	<i>Integer</i>	- ID of the attachment



### Example Request

```
curl -H "Content-Type: application/json" -X DELETE -u admin:admin http://yourserver/rest/raven/1.0/api/test/TEST-123/step/1/attachment/2
```

## Responses

**200 OK** : **text/plain** : Successful.

**400 BAD\_REQUEST** : **text/plain** : Returns the error.

**401 UNAUTHORIZED** : **text/plain** : The Xray for JIRA license is not valid.

**500 INTERNAL SERVER ERROR** : **text/plain** : An internal error occurred removing the test step attachment.