

Test Plans - REST

You can manage (i.e., create, update, delete) Test Plans directly through Jira's native REST API.

The Xray REST API provides the following endpoints.

Test Plan Tests

- To view the Test associated with a Test Plan, you need to specify the key of the Test Plan you wish to view.
- To associate or remove a Test from a Test Plan, you need to send a JSON with a list of the keys. When associating, these keys can be Test keys or Test Set keys; when removing, they can only be Test keys.
- To remove a Test from a Test Plan, you need to specify the key of the Test you wish to remove.

✓ [GET /rest/raven/1.0/api/testplan/{testPlanKey}/test](#)

Return ajsonwith a list of the test associated with the test plan. Note that this endpoint may be paginated.

Request

PATH PARAMETERS

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

QUERY PARAMETERS

parameter	type	description
limit	<i>Integer</i>	- limits the number of results per page. Should be greater or equal to 0 and lower or equal to the maximum set in the Global Configuration.
page	<i>Integer</i>	-numberof the page to beretuned. Should be greater or equal to 1.

Example Request

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

Responses

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

Example Output

```
[
  {
    "id":12215,
    "key":"DEMO-12",
    "latestStatus":"PASS"
  },
  {
    "id":13207,
    "key":"DEMO-29",
    "latestStatus":"TODO"
  },
  {
    "id":13602,
    "key":"DEMO-44",
    "latestStatus":"Fail"
  }
]
```

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 tests.

✓ [POST /rest/raven/1.0/api/testplan/{testPlanKey}/test](#)

Associate tests with the test plan. Return error messages if there are any.

Request

PATH PARAMETERS

parameter	type	description
testPlanKey	String	- key of the test plan.

Example

Example Input

```
{
  "add": [
    "CALC-14",
    "CALC-29"
  ],
  "remove": [
    "CALC-15",
    "CALC-50"
  ]
}
```

Example Request

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

Responses

200 OK : **text/plain** : Successful. Returns error messages if there are any.

Example Output

```
["Test or Test Set with key CALC-29 not found or is not Type
Test or Test Set"]
```

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 associating the tests.

✓ [DELETE /rest/raven/1.0/api/testplan/{testPlanKey}/test/{testKey}](#)

Remove test from the test plan.

Request

PATH PARAMETERS

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

Example Request

```
curl -H "Content-Type: application/json" -X DELETE -u admin:admin http://yourserver/rest/raven/1.0/api/testplan/TEST-123/test/TEST-321
```

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 .

Test Plan Test Executions

- To view the Test Executions associated with a Test Plan, you need to specify the key of the Test Plan you wish to view.
- To associate or remove a Test Execution from a Test Plan, you need to send a JSON with a list of the Test Execution keys.
- To remove a Test Execution from a Test Plan, you need to specify the key of the Test Execution you wish to remove.

✓ [GET /rest/raven/1.0/api/testplan/{testPlanKey}/testexecution](#)

Return a json with a list of the test executions associated with the test plan.

Request

PATH PARAMETERS

parameter	type	description
testPlanKey	String	- key of the test plan.

Example Request

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

Responses

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

Example Output

```
[
  {
    "id":12215,
    "key":"DEMO-12",
    "summary":"Test Execution for Test Plan Test-123",
    "self":"http://localhost:5980/testJira/rest/api/2/issue/12215",
    "environments" : [
      "IOS",
      "Android"
    ]
  },
  {
    "id":12315,
    "key":"DEMO-15",
    "summary":"Test Execution for Test Plan Test-123",
    "self":"http://localhost:5980/testJira/rest/api/2/issue/12315",
    "environments" : [
      "IOS",
      "Android"
    ]
  }
]
```

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 executions.

Associate test executions with the test plan. Return error messages, if there are any.

Request

PATH PARAMETERS

parameter	type	description
testPlanKey	String	- key of the test plan.

Example

Example Input

```
{
  "add": [
    "CALC-14",
    "CALC-29"
  ],
  "remove": [
    "CALC-15",
    "CALC-50"
  ]
}
```

Example Request

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

Responses

200 OK : **text/plain** : Successful. Returns error messages if there are any.

Example Output

```
["Issue with key CALC-29 not found or is not of type Test Execution"]
```

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 associating the test executions.

✓ [DELETE /rest/raven/1.0/api/testplan/{testPlanKey}/testexecution/{testExecKey}](#)

Remove test execution from the test plan.

Request

PATH PARAMETERS

parameter	type	description
testPlanKey	<i>String</i>	- key of the test plan.
testExecKey	<i>String</i>	- key of the test.

Example Request

```
curl -H "Content-Type: application/json" -X DELETE -u admin:admin http://yourserver//rest/raven/1.0/api/testplan/TEST-123/testexecution/TEST-321
```

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 execution.