

# 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.

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

## Request

### PATH PARAMETERS

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

### QUERY PARAMETERS

parameter	type	description
limit	Integer	- 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	Integer	- number of the page to be returned. 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.

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.

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.

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.

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.