

# Test Executions - REST

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

The Xray REST API provides the following endpoints.

## Test Execution Tests

- To view the Tests associated with a Test Execution, you need to specify the key of the Test Execution you want to view.
- To associate or remove a Test from a Test Execution, 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 have to be Test keys.
- To remove a Test from a Test Execution, 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 execution. Note that this endpoint may be paginated.

### Request

#### PATH PARAMETERS

| parameter   | type   | description                  |
|-------------|--------|------------------------------|
| testExecKey | String | - key of the test execution. |

#### QUERY PARAMETERS

| parameter | type    | description   |
|-----------|---------|---|
| detailed  | boolean | - if true will display detailed information about the testrun   |
| 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/testexec/TEST-123/test
```

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

### Responses

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

### Example Output

```
[
  {
    "id":204,
    "key":"CALC-10",
    "rank":1,
    "status":"FAIL"
  },
  {
    "id":205,
    "key":"CALC-44",
    "rank":2,
    "status":"FAIL"
  },
  {
    "id":326,
    "key":"CALC-66",
    "rank":3,
    "status":"TODO"
  },
  {
    "id":380,
    "key":"CALC-42",
    "rank":4,
    "status":"TODO"
  }
]
```

## Example Output

```
[
  {
    "id":204,
    "status":"FAIL"
    "assignee":"admin",
    "executedBy":"admin",
    "startedOn":"Friday 10:13 AM",
    "finishedOn":"Friday 10:13 AM",
    "defects":[
      {
        "id":10607,
        "key":"PER-71",
        "summary":"1234",
        "status":"Open"
      }
    ],
    "evidences":[
      {
        "id":25,
        "fileName":"stepsDATA.csv",
        "fileSize":"0,1 kB",
        "created":"Friday 10:16 AM",
        "author":"admin",
        "fileURL":"http://localhost:5980/testJira/plugins/servlet/raven/attachment/25/stepsDATA.csv"
      }
    ],
    "key":"PER-46",
    "rank":1
  },
  {
    "id":60,
    "status":"FAIL",
    "executedBy":"admin",
    "startedOn":"Friday 10:13 AM",
    "finishedOn":"Friday 10:13 AM",
    "defects":[
    ],
    "evidences":[
    ],
    "key":"PER-41",
    "rank":2
  },
  {
    "id":61,
    "status":"ABORTED",
    "executedBy":"blake",
    "startedOn":"Friday 10:13 AM",
    "finishedOn":"Friday 10:13 AM",
    "defects":[
    ],
    "evidences":[
    ],
    "key":"PER-33",
    "rank":3
  }
]
```

**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 execution. Return error messages, if there are any.

## Request

### PATH PARAMETERS

| parameter   | type   | description                  |
|-------------|--------|------------------------------|
| testExecKey | String | - key of the test execution. |

### Example

#### Example Input

```
{
  "add": [
    "CALC-33",
    "CALC-75"
  ],
  "remove": [
    "CALC-25",
    "CALC-45"
  ]
}
```



#### Example Request

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

## Responses

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

#### Example Output

```
["Issue with key CALC-99 not found or is not of 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.

Removetestfrom the test execution.

## Request

### PATH PARAMETERS

| parameter   | type   | description                  |
|-------------|--------|------------------------------|
| testExecKey | String | - key of the test execution. |
| testKey     | String | - key of the test.           |



### Example Request

```
curl -H "Content-Type: application/json" -X DELETE -u admin:admin http://yourserver/rest/raven/1.0/api/testexec/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.