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 ajsonwith 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 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/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.