

# Pre-Conditions - REST

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

The Xray REST API provides the following endpoints.

## Pre-Condition Tests

- To view the Test associated with a Pre-Condition you need to specify the key of the Pre-Condition you wish to view.
- To associate or remove a Test from a Pre-Condition, you need to send a JSON with a list of the Test keys.
- To remove a Test from a Pre-Condition 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 pre-condition.

## Request

### PATH PARAMETERS

| parameter       | type   | description                 |
|-----------------|--------|-----------------------------|
| preConditionKey | String | - key of the pre-condition. |



### Example Request

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

## Responses

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

### Example Output

```
[{
  key: "TEST-1",
  self: "http://localhost:6080/rest/api/2/issue/19701",
  reporter: "admin",
  precondition: [{
    preconditionKey: "TEST-4",
    self: "http://localhost:6080/rest/api/2/issue/19705",
    reporter: "admin",
    type: "Cucumber"
  }],
  type: "Cucumber"
}, {
  key: "TEST-2",
  self: "http://localhost:6080/rest/api/2/issue/19701",
  reporter: "admin",
  precondition: [{
    preconditionKey: "TEST-4",
    self: "http://localhost:6080/rest/api/2/issue/19705",
    reporter: "admin",
    type: "Cucumber"
  }],
  type: "Cucumber"
}]
```

**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 pre-condition. Return error messages, if there are any.

## Request

### PATH PARAMETERS

| parameter       | type   | description                 |
|-----------------|--------|-----------------------------|
| preConditionKey | String | - key of the pre-condition. |

### 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/precondition/TEST-123/test
```

## Responses

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

#### Example Output

```
["Test with key TEST-3 was not associated with Pre-Condition with key TEST-4.", "Test with key TEST-2 was already associated with Pre-Condition with key TEST-4."]
```

**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 a test from the pre-condition.

## Request

### PATH PARAMETERS

| parameter       | type          | description                 |
|-----------------|---------------|-----------------------------|
| preConditionKey | <i>String</i> | - key of the pre-condition. |
| 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/precondition/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.