Import Execution Results - REST

- Importing Execution Results
  - Xray JSON results
  - Cucumber JSON results
  - Cucumber JSON results Multipart
  - Behave JSON results
  - Behave JSON results Multipart
  - JUnit XML results
  - JUnit XML results Multipart
  - NUnit XML results
  - NUnit XML results Multipart
  - Robot Framework XML results
  - Robot Framework XML results Multipart
  - Multiple Execution Results

Importing Execution Results

Execution results can be imported to Jira through JSON/XML representation formats specified in Import Execution Results.

For each import file format, Xray provides a specific REST endpoint:

Xray JSON format	**/rest/raven/1.0/import/execution**
Cucumber JSON output format	**/rest/raven/1.0/import/execution/cucumber**
Cucumber JSON output format multipart	**/rest/raven/1.0/import/execution/cucumber/multipart**
Behave JSON output format	**/rest/raven/1.0/import/execution/behave**
Behave JSON output format multipart	**/rest/raven/1.0/import/execution/behave/multipart**
JUnit XML output format	**/rest/raven/1.0/import/execution/junit**
Junit XML output format multipart	**/rest/raven/1.0/import/execution/junit/multipart**
NUnit XML output format	**/rest/raven/1.0/import/execution/nunit**
NUnit XML output format multipart	**/rest/raven/1.0/import/execution/nunit/multipart**
Robot Framework XML output format	**/rest/raven/1.0/import/execution/robot**
Robot Framework XML output format multipart	**/rest/raven/1.0/import/execution/robot/multipart**
Compressed .zip file (e.g., Calabash execution results)	**/rest/raven/1.0/import/execution/bundle**

Xray JSON results

When importing execution results using Xray JSON result format in a Continuous Integration environment, you can specify which Test Execution issue to import the results on using the "**testExecutionKey**" property. Alternatively, you can create a new Test Execution for the execution results and specify the Test Execution issue fields in the "**info**" object.

Import the execution results present in query variable "***executionResults***".

Request

Example 1: new Test Execution

Example Input


```
{
    "info" : {
        "summary" : "Execution of automated tests for release v1.3",
                "description" : "This execution is automatically created when importing execution results
from an external source",
                "version" : "v1.3",
                "user" : "admin",
                "revision" : "1.0.42134",
                "startDate" : "2014-08-30T11:47:35+01:00",
                "finishDate" : "2014-08-30T11:53:00+01:00",
                "testPlanKey" : "DEMO-100",
                "testEnvironments": ["iOS", "Android"]
    },
    "tests" : [
        {
            "testKey" : "DEMO-6",
            "start" : "2014-08-30T11:47:35+01:00",
            "finish" : "2014-08-30T11:50:56+01:00",
            "comment" : "Successful execution",
            "status" : "PASS"
        },
        {
            "testKey" : "DEMO-7",
            "start" : "2014-08-30T11:51:00+01:00",
            "finish" : "2014-08-30T11:52:30+01:00",
            "comment" : "Execution failed. Example #5 FAIL.",
            "status" : "FAIL",
                        "evidences" : [
                    {
                        "data":
"iVBORw0KGgoAAAANSUhEUgAABkIAAAO9CAYAAADezXv6AAAAAXNSR0IArs4c6QAAAARnQU1BAACxjwv8YQUAAAAJcEhZcwAAEn(...base64
file enconding)",
                                            "filename": "image21.jpg",
                    "contentType": "image/jpeg"
                }
                        ],
            "examples" : [
                "PASS",
                "PASS",
                "PASS",
                "PASS",
                "FAIL"
            ],
                        "steps": [
                {
                    "status": "PASS",
                    "comment": "Coment on Test Step Result 1",
                    "evidences" : [
                        {
                            "data":
"iVBORw0KGgoAAAANSUhEUgAABkIAAAO9CAYAAADezXv6AAAAAXNSR0IArs4c6QAAAARnQU1BAACxjwv8YQUAAAAJcEhZcwAAEn(...base64
file enconding)",
                                                                "filename": "image22.jpg",
                        "contentType": "image/jpeg"
                        }
                                            ]
                                    }
                        ],
                    "defects" : [
                                            "DEMO-10",
                                            "DEMO-11"
                    ]
        }
    ]
}
```

Example 2: update existing Test Execution

Example Input

```
{
    "testExecutionKey": "DEMO-1206",
    "info" : {
        "summary" : "Execution of automated tests for release v1.3",
                "description" : "This execution is automatically created when importing execution results
from an external source",
                "version" : "v1.3",
                "user" : "admin",
                "revision" : "1.0.42134",
                "startDate" : "2014-08-30T11:47:35+01:00",
                "finishDate" : "2014-08-30T11:53:00+01:00",
                "testPlanKey" : "DEMO-100",
                "testEnvironments": ["iOS", "Android"]
    },
    "tests" : [
        {
            "testKey" : "DEMO-6",
            "start" : "2014-08-30T11:47:35+01:00",
            "finish" : "2014-08-30T11:50:56+01:00",
            "comment" : "Successful execution",
            "status" : "PASS"
        }
     ]
}
```

Example Request

curl -H "Content-Type: application/json" -X POST -u admin:admin --data @data.json http://yourserver/rest/raven/1.0/import/execution

Responses

200 OK : **application/json** : Successful. The results where successfully imported to Jira.

Example Output

```
{
    "testExecIssue": {
           "id": "10000",
           "key": "DEMO-123",
           "self": "http://www.example.com/jira/rest/api/2/issue/10000"
     }
}
```

400 BAD_REQUEST : **application/json :** No execution results where provided**.**

401 UNAUTHORIZED : **application/json** : The Xray license is not valid.

500 INTERNAL SERVER ERROR : **application/json** : An internal error occurred when importing execution results.

Cucumber JSON results

After executing Cucumber features, you must import the outputted JSON execution results to Jira using the following endpoint:

Import the execution results created with the Cucumber JSON output formatter. For more information please check the Cucumber reports documentation (example here).

Request

Example

Example Input


```
[
  {
    "keyword": "Feature",
    "name": "Arithmetic Operations",
    "line": 3,
    "description": "",
    "tags": [
      {
        "name": "@DEMO-48",
        "line": 1
      },
      {
        "name": "@REQ_DEMO-45",
        "line": 2
      }
    ],
    "id": "arithmetic-operations",
    "uri": "features/1_DEMO-45.feature",
    "elements": [
      {
        "comments": [
          {
            "value": "#In order to avoid silly mistakes",
            "line": 4
          },
          {
            "value": "#As a math idiot ",
            "line": 5
          },
          {
            "value": "#I want to be told the result of basic arithmetic operations between two numbers",
            "line": 6
          }
        ],
        "keyword": "Scenario Outline",
        "name": "Add two Numbers",
        "line": 18,
        "description": "",
        "tags": [
          {
            "name": "@TEST_DEMO-47",
            "line": 9
          }
        ],
        "id": "arithmetic-operations;add-two-numbers;;2",
        "type": "scenario",
        "steps": [
          {
                        "embeddings": [
              {
                                "mime_type": "text/plain",
                                "data": "{data base64}"
              },{
                                "mime_type": "text/plain",
                                "data": "{data base64}"
              }
            "keyword": "Given ",
            "name": "I have entered 20 into the calculator",
            "line": 11,
            "match": {
              "arguments": [
                {
```

```
              "offset": 15,
              "val": "20"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:14"
        },
        "result": {
          "status": "passed",
          "duration": 487000
        }
      },
      {
        "keyword": "And ",
        "name": "I have entered 30 into the calculator",
        "line": 12,
        "match": {
          "arguments": [
            {
              "offset": 15,
              "val": "30"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:14"
        },
        "result": {
          "status": "passed",
          "duration": 340000
        }
      },
      {
        "keyword": "When ",
        "name": "I press add",
        "line": 13,
        "match": {
          "arguments": [
            {
              "offset": 8,
              "val": "add"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:18"
        },
        "result": {
          "status": "passed",
          "duration": 327000
        }
      },
      {
        "keyword": "Then ",
        "name": "the result should be 50 on the screen",
        "line": 14,
        "match": {
          "arguments": [
            {
              "offset": 21,
              "val": "50"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:22"
        },
        "result": {
          "status": "passed",
          "duration": 11723000
        }
      }
    ]
  },
  {
    "comments": [
      {
        "value": "#In order to avoid silly mistakes",
```

```
      "line": 4
    },
    {
      "value": "#As a math idiot ",
      "line": 5
    },
    {
      "value": "#I want to be told the result of basic arithmetic operations between two numbers",
      "line": 6
    }
  ],
  "keyword": "Scenario Outline",
  "name": "Add two Numbers",
  "line": 19,
  "description": "",
  "tags": [
    {
      "name": "@TEST_DEMO-47",
      "line": 9
    }
  ],
  "id": "arithmetic-operations;add-two-numbers;;3",
  "type": "scenario",
  "steps": [
    {
      "keyword": "Given ",
      "name": "I have entered 2 into the calculator",
      "line": 11,
      "match": {
        "arguments": [
          {
            "offset": 15,
            "val": "2"
          }
        ],
        "location": "features/step_definitions/calculator_steps.rb:14"
      },
      "result": {
        "status": "passed",
        "duration": 992000
      }
    },
    {
      "keyword": "And ",
      "name": "I have entered 5 into the calculator",
      "line": 12,
      "match": {
        "arguments": [
          {
            "offset": 15,
            "val": "5"
          }
        ],
        "location": "features/step_definitions/calculator_steps.rb:14"
      },
      "result": {
        "status": "passed",
        "duration": 775000
      }
    },
    {
      "keyword": "When ",
      "name": "I press add",
      "line": 13,
      "match": {
        "arguments": [
          {
            "offset": 8,
            "val": "add"
          }
        ],
```

```
          "location": "features/step_definitions/calculator_steps.rb:18"
        },
        "result": {
          "status": "passed",
          "duration": 322000
        }
      },
      {
        "keyword": "Then ",
        "name": "the result should be 7 on the screen",
        "line": 14,
        "match": {
          "arguments": [
            {
              "offset": 21,
              "val": "7"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:22"
        },
        "result": {
          "status": "passed",
          "duration": 423000
        }
      }
    ]
  },
  {
    "comments": [
      {
        "value": "#In order to avoid silly mistakes",
        "line": 4
      },
      {
        "value": "#As a math idiot ",
        "line": 5
      },
      {
        "value": "#I want to be told the result of basic arithmetic operations between two numbers",
        "line": 6
      }
    ],
    "keyword": "Scenario Outline",
    "name": "Add two Numbers",
    "line": 20,
    "description": "",
    "tags": [
      {
        "name": "@TEST_DEMO-47",
        "line": 9
      }
    ],
    "id": "arithmetic-operations;add-two-numbers;;4",
    "type": "scenario",
    "steps": [
      {
        "keyword": "Given ",
        "name": "I have entered 0 into the calculator",
        "line": 11,
        "match": {
          "arguments": [
            {
              "offset": 15,
              "val": "0"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:14"
        },
        "result": {
          "status": "passed",
          "duration": 384000
```

```
        }
      },
      {
        "keyword": "And ",
        "name": "I have entered 40 into the calculator",
        "line": 12,
        "match": {
          "arguments": [
            {
              "offset": 15,
              "val": "40"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:14"
        },
        "result": {
          "status": "passed",
          "duration": 313000
        }
      },
      {
        "keyword": "When ",
        "name": "I press add",
        "line": 13,
        "match": {
          "arguments": [
            {
              "offset": 8,
              "val": "add"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:18"
        },
        "result": {
          "status": "passed",
          "duration": 280000
        }
      },
      {
        "keyword": "Then ",
        "name": "the result should be 40 on the screen",
        "line": 14,
        "match": {
          "arguments": [
            {
              "offset": 21,
              "val": "40"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:22"
        },
        "result": {
          "status": "passed",
          "duration": 350000
        }
      }
    ]
  },
  {
    "keyword": "Scenario Outline",
    "name": "Divide Two Numbers",
    "line": 32,
    "description": "",
    "tags": [
      {
        "name": "@TEST_DEMO-46",
        "line": 23
      }
    ],
    "id": "arithmetic-operations;divide-two-numbers;;2",
    "type": "scenario",
```

```
      "steps": [
        {
          "keyword": "Given ",
          "name": "I have entered 8 into the calculator",
          "line": 25,
          "match": {
            "arguments": [
              {
                "offset": 15,
                "val": "8"
              }
            ],
            "location": "features/step_definitions/calculator_steps.rb:14"
          },
          "result": {
            "status": "passed",
            "duration": 344000
          }
        },
        {
          "keyword": "And ",
          "name": "I have entered 4 into the calculator",
          "line": 26,
          "match": {
            "arguments": [
              {
                "offset": 15,
                "val": "4"
              }
            ],
            "location": "features/step_definitions/calculator_steps.rb:14"
          },
          "result": {
            "status": "passed",
            "duration": 292000
          }
        },
        {
          "keyword": "When ",
          "name": "I press divide",
          "line": 27,
          "match": {
            "arguments": [
              {
                "offset": 8,
                "val": "divide"
              }
            ],
            "location": "features/step_definitions/calculator_steps.rb:18"
          },
          "result": {
            "status": "passed",
            "duration": 291000
          }
        },
        {
          "keyword": "Then ",
          "name": "the result should be 2 on the screen",
          "line": 28,
          "match": {
            "arguments": [
              {
                "offset": 21,
                "val": "2"
              }
            ],
            "location": "features/step_definitions/calculator_steps.rb:22"
          },
          "result": {
            "status": "passed",
            "duration": 320000
```

```
        }
      }
    ]
  },
  {
    "keyword": "Scenario Outline",
    "name": "Divide Two Numbers",
    "line": 33,
    "description": "",
    "tags": [
      {
        "name": "@TEST_DEMO-46",
        "line": 23
      }
    ],
    "id": "arithmetic-operations;divide-two-numbers;;3",
    "type": "scenario",
    "steps": [
      {
        "keyword": "Given ",
        "name": "I have entered 12 into the calculator",
        "line": 25,
        "match": {
          "arguments": [
            {
              "offset": 15,
              "val": "12"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:14"
        },
        "result": {
          "status": "passed",
          "duration": 1102000
        }
      },
      {
        "keyword": "And ",
        "name": "I have entered 3 into the calculator",
        "line": 26,
        "match": {
          "arguments": [
            {
              "offset": 15,
              "val": "3"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:14"
        },
        "result": {
          "status": "passed",
          "duration": 891000
        }
      },
      {
        "keyword": "When ",
        "name": "I press divide",
        "line": 27,
        "match": {
          "arguments": [
            {
              "offset": 8,
              "val": "divide"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:18"
        },
        "result": {
          "status": "passed",
          "duration": 291000
        }
```

```
      },
      {
        "keyword": "Then ",
        "name": "the result should be 4 on the screen",
        "line": 28,
        "match": {
          "arguments": [
            {
              "offset": 21,
              "val": "4"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:22"
        },
        "result": {
          "status": "passed",
          "duration": 339000
        }
      }
    ]
  },
  {
    "keyword": "Scenario Outline",
    "name": "Divide Two Numbers",
    "line": 34,
    "description": "",
    "tags": [
      {
        "name": "@TEST_DEMO-46",
        "line": 23
      }
    ],
    "id": "arithmetic-operations;divide-two-numbers;;4",
    "type": "scenario",
    "steps": [
      {
        "keyword": "Given ",
        "name": "I have entered 3 into the calculator",
        "line": 25,
        "match": {
          "arguments": [
            {
              "offset": 15,
              "val": "3"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:14"
        },
        "result": {
          "status": "passed",
          "duration": 304000
        }
      },
      {
        "keyword": "And ",
        "name": "I have entered 1 into the calculator",
        "line": 26,
        "match": {
          "arguments": [
            {
              "offset": 15,
              "val": "1"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:14"
        },
        "result": {
          "status": "passed",
          "duration": 309000
        }
      },
```

```
          {
            "keyword": "When ",
            "name": "I press divide",
            "line": 27,
            "match": {
              "arguments": [
                {
                  "offset": 8,
                  "val": "divide"
                }
              ],
              "location": "features/step_definitions/calculator_steps.rb:18"
            },
            "result": {
              "status": "passed",
              "duration": 257000
            }
          },
          {
            "keyword": "Then ",
            "name": "the result should be 5 on the screen",
            "line": 28,
            "match": {
              "arguments": [
                {
                  "offset": 21,
                  "val": "5"
                }
              ],
              "location": "features/step_definitions/calculator_steps.rb:22"
            },
            "result": {
              "status": "passed",
              "duration": 840000
            }
          }
        ]
      }
    ]
  }
]
```

Example Request

curl -H "Content-Type: application/json" -X POST -u admin:admin --data @cucumber_output.json http://yourserver/rest/raven/1.0/import/execution/cucumber

Responses

200 OK : **application/json** : Successful. The results where successfully imported to Jira.

Example Output

```
{
    "testExecIssue": {
           "id": "10000",
           "key": "DEMO-123",
           "self": "http://www.example.com/jira/rest/api/2/issue/10000"
     }
}
```

400 BAD_REQUEST : **application/json :** No execution results where provided**.**

401 UNAUTHORIZED : **application/json** : The Xray license is not valid.

500 INTERNAL SERVER ERROR : **application/json** : An internal error occurred when importing execution results.

Cucumber JSON results Multipart

Xray provides another endpoint if you want to create new Test Executions and have control over newly-created Test Execution fields. It allows you to send two JSON files, the normal Cucumber result JSON and a JSON similar to the one Jira uses to create new issues. For more information about that second format, check the Jira documentation here.

Import the execution results created with the Cucumber JSON output formatter. For more information, please check the Cucumber reports documentation (example here).

Note: Currently, if you specify the Test Plan custom field, the Tests of the Test Execution will not be added automatically to the Test Plan.

Request

Example

Result Json


```
[
  {
    "keyword": "Feature",
    "name": "Arithmetic Operations",
    "line": 3,
    "description": "",
    "tags": [
      {
        "name": "@DEMO-48",
        "line": 1
      },
      {
        "name": "@REQ_DEMO-45",
        "line": 2
      }
    ],
    "id": "arithmetic-operations",
    "uri": "features/1_DEMO-45.feature",
    "elements": [
      {
        "comments": [
          {
            "value": "#In order to avoid silly mistakes",
            "line": 4
          },
          {
            "value": "#As a math idiot ",
            "line": 5
          },
          {
            "value": "#I want to be told the result of basic arithmetic operations between two numbers",
            "line": 6
          }
        ],
        "keyword": "Scenario Outline",
        "name": "Add two Numbers",
        "line": 18,
        "description": "",
        "tags": [
          {
            "name": "@TEST_DEMO-47",
            "line": 9
          }
        ],
        "id": "arithmetic-operations;add-two-numbers;;2",
        "type": "scenario",
        "steps": [
```

```
{
              "embeddings": [
    {
                        "mime_type": "text/plain",
                        "data": "{data base64}"
    },{
                        "mime_type": "text/plain",
                        "data": "{data base64}"
    }
  "keyword": "Given ",
  "name": "I have entered 20 into the calculator",
  "line": 11,
  "match": {
    "arguments": [
      {
        "offset": 15,
        "val": "20"
      }
    ],
    "location": "features/step_definitions/calculator_steps.rb:14"
  },
  "result": {
    "status": "passed",
    "duration": 487000
  }
},
{
  "keyword": "And ",
  "name": "I have entered 30 into the calculator",
  "line": 12,
  "match": {
    "arguments": [
      {
        "offset": 15,
        "val": "30"
      }
    ],
    "location": "features/step_definitions/calculator_steps.rb:14"
  },
  "result": {
    "status": "passed",
    "duration": 340000
  }
},
{
  "keyword": "When ",
  "name": "I press add",
  "line": 13,
  "match": {
    "arguments": [
      {
        "offset": 8,
        "val": "add"
      }
    ],
    "location": "features/step_definitions/calculator_steps.rb:18"
  },
  "result": {
    "status": "passed",
    "duration": 327000
  }
},
{
  "keyword": "Then ",
  "name": "the result should be 50 on the screen",
  "line": 14,
  "match": {
    "arguments": [
      {
        "offset": 21,
        "val": "50"
```

```
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:22"
        },
        "result": {
          "status": "passed",
          "duration": 11723000
        }
      }
    ]
  },
  {
    "comments": [
      {
        "value": "#In order to avoid silly mistakes",
        "line": 4
      },
      {
        "value": "#As a math idiot ",
        "line": 5
      },
      {
        "value": "#I want to be told the result of basic arithmetic operations between two numbers",
        "line": 6
      }
    ],
    "keyword": "Scenario Outline",
    "name": "Add two Numbers",
    "line": 19,
    "description": "",
    "tags": [
      {
        "name": "@TEST_DEMO-47",
        "line": 9
      }
    ],
    "id": "arithmetic-operations;add-two-numbers;;3",
    "type": "scenario",
    "steps": [
      {
        "keyword": "Given ",
        "name": "I have entered 2 into the calculator",
        "line": 11,
        "match": {
          "arguments": [
            {
              "offset": 15,
              "val": "2"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:14"
        },
        "result": {
          "status": "passed",
          "duration": 992000
        }
      },
      {
        "keyword": "And ",
        "name": "I have entered 5 into the calculator",
        "line": 12,
        "match": {
          "arguments": [
            {
              "offset": 15,
              "val": "5"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:14"
        },
        "result": {
```

```
        "status": "passed",
        "duration": 775000
      }
    },
    {
      "keyword": "When ",
      "name": "I press add",
      "line": 13,
      "match": {
        "arguments": [
          {
            "offset": 8,
            "val": "add"
          }
        ],
        "location": "features/step_definitions/calculator_steps.rb:18"
      },
      "result": {
        "status": "passed",
        "duration": 322000
      }
    },
    {
      "keyword": "Then ",
      "name": "the result should be 7 on the screen",
      "line": 14,
      "match": {
        "arguments": [
          {
            "offset": 21,
            "val": "7"
          }
        ],
        "location": "features/step_definitions/calculator_steps.rb:22"
      },
      "result": {
        "status": "passed",
        "duration": 423000
      }
    }
  ]
},
{
  "comments": [
    {
      "value": "#In order to avoid silly mistakes",
      "line": 4
    },
    {
      "value": "#As a math idiot ",
      "line": 5
    },
    {
      "value": "#I want to be told the result of basic arithmetic operations between two numbers",
      "line": 6
    }
  ],
  "keyword": "Scenario Outline",
  "name": "Add two Numbers",
  "line": 20,
  "description": "",
  "tags": [
    {
      "name": "@TEST_DEMO-47",
      "line": 9
    }
  ],
  "id": "arithmetic-operations;add-two-numbers;;4",
  "type": "scenario",
  "steps": [
    {
```

```
      "keyword": "Given ",
      "name": "I have entered 0 into the calculator",
      "line": 11,
      "match": {
        "arguments": [
          {
            "offset": 15,
            "val": "0"
          }
        ],
        "location": "features/step_definitions/calculator_steps.rb:14"
      },
      "result": {
        "status": "passed",
        "duration": 384000
      }
    },
    {
      "keyword": "And ",
      "name": "I have entered 40 into the calculator",
      "line": 12,
      "match": {
        "arguments": [
          {
            "offset": 15,
            "val": "40"
          }
        ],
        "location": "features/step_definitions/calculator_steps.rb:14"
      },
      "result": {
        "status": "passed",
        "duration": 313000
      }
    },
    {
      "keyword": "When ",
      "name": "I press add",
      "line": 13,
      "match": {
        "arguments": [
          {
            "offset": 8,
            "val": "add"
          }
        ],
        "location": "features/step_definitions/calculator_steps.rb:18"
      },
      "result": {
        "status": "passed",
        "duration": 280000
      }
    },
    {
      "keyword": "Then ",
      "name": "the result should be 40 on the screen",
      "line": 14,
      "match": {
        "arguments": [
          {
            "offset": 21,
            "val": "40"
          }
        ],
        "location": "features/step_definitions/calculator_steps.rb:22"
      },
      "result": {
        "status": "passed",
        "duration": 350000
      }
    }
```

```
    ]
  },
  {
    "keyword": "Scenario Outline",
    "name": "Divide Two Numbers",
    "line": 32,
    "description": "",
    "tags": [
      {
        "name": "@TEST_DEMO-46",
        "line": 23
      }
    ],
    "id": "arithmetic-operations;divide-two-numbers;;2",
    "type": "scenario",
    "steps": [
      {
        "keyword": "Given ",
        "name": "I have entered 8 into the calculator",
        "line": 25,
        "match": {
          "arguments": [
            {
              "offset": 15,
              "val": "8"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:14"
        },
        "result": {
          "status": "passed",
          "duration": 344000
        }
      },
      {
        "keyword": "And ",
        "name": "I have entered 4 into the calculator",
        "line": 26,
        "match": {
          "arguments": [
            {
              "offset": 15,
              "val": "4"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:14"
        },
        "result": {
          "status": "passed",
          "duration": 292000
        }
      },
      {
        "keyword": "When ",
        "name": "I press divide",
        "line": 27,
        "match": {
          "arguments": [
            {
              "offset": 8,
              "val": "divide"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:18"
        },
        "result": {
          "status": "passed",
          "duration": 291000
        }
      },
      {
```

```
        "keyword": "Then ",
        "name": "the result should be 2 on the screen",
        "line": 28,
        "match": {
          "arguments": [
            {
              "offset": 21,
              "val": "2"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:22"
        },
        "result": {
          "status": "passed",
          "duration": 320000
        }
      }
    ]
  },
  {
    "keyword": "Scenario Outline",
    "name": "Divide Two Numbers",
    "line": 33,
    "description": "",
    "tags": [
      {
        "name": "@TEST_DEMO-46",
        "line": 23
      }
    ],
    "id": "arithmetic-operations;divide-two-numbers;;3",
    "type": "scenario",
    "steps": [
      {
        "keyword": "Given ",
        "name": "I have entered 12 into the calculator",
        "line": 25,
        "match": {
          "arguments": [
            {
              "offset": 15,
              "val": "12"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:14"
        },
        "result": {
          "status": "passed",
          "duration": 1102000
        }
      },
      {
        "keyword": "And ",
        "name": "I have entered 3 into the calculator",
        "line": 26,
        "match": {
          "arguments": [
            {
              "offset": 15,
              "val": "3"
            }
          ],
          "location": "features/step_definitions/calculator_steps.rb:14"
        },
        "result": {
          "status": "passed",
          "duration": 891000
        }
      },
      {
        "keyword": "When ",
```

```
      "name": "I press divide",
      "line": 27,
      "match": {
        "arguments": [
          {
            "offset": 8,
            "val": "divide"
          }
        ],
        "location": "features/step_definitions/calculator_steps.rb:18"
      },
      "result": {
        "status": "passed",
        "duration": 291000
      }
    },
    {
      "keyword": "Then ",
      "name": "the result should be 4 on the screen",
      "line": 28,
      "match": {
        "arguments": [
          {
            "offset": 21,
            "val": "4"
          }
        ],
        "location": "features/step_definitions/calculator_steps.rb:22"
      },
      "result": {
        "status": "passed",
        "duration": 339000
      }
    }
  ]
},
{
  "keyword": "Scenario Outline",
  "name": "Divide Two Numbers",
  "line": 34,
  "description": "",
  "tags": [
    {
      "name": "@TEST_DEMO-46",
      "line": 23
    }
  ],
  "id": "arithmetic-operations;divide-two-numbers;;4",
  "type": "scenario",
  "steps": [
    {
      "keyword": "Given ",
      "name": "I have entered 3 into the calculator",
      "line": 25,
      "match": {
        "arguments": [
          {
            "offset": 15,
            "val": "3"
          }
        ],
        "location": "features/step_definitions/calculator_steps.rb:14"
      },
      "result": {
        "status": "passed",
        "duration": 304000
      }
    },
    {
      "keyword": "And ",
      "name": "I have entered 1 into the calculator",
```

```
            "line": 26,
            "match": {
              "arguments": [
                {
                  "offset": 15,
                  "val": "1"
                }
              ],
              "location": "features/step_definitions/calculator_steps.rb:14"
            },
            "result": {
              "status": "passed",
              "duration": 309000
            }
          },
          {
            "keyword": "When ",
            "name": "I press divide",
            "line": 27,
            "match": {
              "arguments": [
                {
                  "offset": 8,
                  "val": "divide"
                }
              ],
              "location": "features/step_definitions/calculator_steps.rb:18"
            },
            "result": {
              "status": "passed",
              "duration": 257000
            }
          },
          {
            "keyword": "Then ",
            "name": "the result should be 5 on the screen",
            "line": 28,
            "match": {
              "arguments": [
                {
                  "offset": 21,
                  "val": "5"
                }
              ],
              "location": "features/step_definitions/calculator_steps.rb:22"
            },
            "result": {
              "status": "passed",
              "duration": 840000
            }
          }
        ]
      }
    ]
  }
]
```

Info JSON (Test Execution)

```
{
        "fields": {
                "project": {
                        "id": "10402"
                },
                "summary": "Test Execution for cucumber Execution",
                "issuetype": {
                        "id": "10007"
                },
                "components" : [
                        {
                        "name":"Interface"
                        },
                        {
                        "name":"Core"
                        }
                ],
                "customfield_10032" : [
                        "TES-38"
                ]
        }
}
```

Example Request

curl -u admin:admin -F info=@createTestExec.json -F result=@results.json http://yourserver/rest/raven/1.0/import/execution/cucumber/multipart

Assigning Test Environment(s) to Test Execution

It's possible to assign Test Environment(s) to the newly-created Test Execution. For that, you need to pass the ID of the custom field corresponding to the "Test Environments" custom field. In the JSON example below, it is 10030 for the info object.

Note: Currently, if you specify the Test Plan custom field, the Tests of the Test Execution will not be added automatically to the Test Plan.

```
{
    "fields": {
        "project": {
            "key": "XRAY"
        },
        "summary": "Test Execution for cucumber Execution",
        "issuetype": {
            "id": "10009"
        },
        "customfield_10030" : [
            "iOS", "Android"
        ]
    }
}
```

Responses

200 OK : **application/json** : Successful. The results where successfully imported to Jira.

Example Output


```
{
    "testExecIssue": {
           "id": "10000",
           "key": "DEMO-123",
           "self": "http://www.example.com/jira/rest/api/2/issue/10000"
     }
}
```


400 BAD_REQUEST : **application/json :** No execution results where provided**.**

401 UNAUTHORIZED : **application/json** : The Xray license is not valid.

500 INTERNAL SERVER ERROR : **application/json** : An internal error occurred when importing execution results.

Behave JSON results

After executing Behave features, you must import the outputted JSON execution results to Jira using the following endpoint:

Import the execution results created with the Behave JSON output formatter.

Request

Example

Example Input


```
[
        {
                "status": "failed",
                "elements": [
                        {
                                "name": "Test automatic",
                                "keyword": "Scenario",
                                "tags": [
                                        "XTP-11"
                                ],
                                "steps": [
                                        {
                                                "name": "I have entered 20 into the calculator",
                                                "keyword": "Given",
                                                "step_type": "given",
                                                "result": {
                                                        "status": "failed",
                                                        "duration": 3.0994415283203125e-03
                                                },
                                                "match": {
                                                        "location": "steps/tutorial.py:13",
                                                        "arguments": []
                                                },
                                                "location": "1 (8).feature:7"
                                        },
                                        {
                                                "name": "I have entered 30 into the calculator",
                                                "keyword": "And",
                                                "step_type": "given",
                                                "result": {
                                                        "status": "failed",
                                                        "duration": 2.5033950805664062e-03
                                                },
                                                "match": {
```

```
                                        "location": "steps/tutorial.py:17",
                                        "arguments": []
                                },
                                "location": "1 (8).feature:8"
                        },
                        {
                                "name": "I press add",
                                "keyword": "When",
                                "step_type": "when",
                                "result": {
                                        "status": "failed",
                                        "duration": 2.288818359375e-03
                                },
                                "match": {
                                        "location": "steps/tutorial.py:21",
                                        "arguments": []
                                },
                                "location": "1 (8).feature:9"
                        },
                        {
                                "name": "the result should be 50 on the screen",
                                "keyword": "Then",
                                "step_type": "then",
                                "result": {
                                        "status": "failed",
                                        "duration": 2.2172927856445312e-03
                                },
                                "match": {
                                        "location": "steps/tutorial.py:25",
                                        "arguments": []
                                },
                                "location": "1 (8).feature:10"
                        }
                ],
                "location": "1 (8).feature:6",
                "type": "scenario"
        },
        {
                "name": "Test -- @2.1 Consumer Electronics",
                "keyword": "Scenario Outline",
                "tags": [
                        "XTP-11"
                ],
                "steps": [
                        {
                                "name": "I put \"iPhone\" in a blender",
                                "keyword": "Given",
                                "step_type": "given",
                                "result": {
                                        "status": "failed",
                                        "duration": 5.1021575927734375e-03
                                },
                                "match": {
                                        "location": "steps/tutorial.py:29",
                                        "arguments": [
                                                {
                                                        "name": "thing",
                                                        "value": "iPhone"
                                                }
                                        ]
                                },
                                "location": "1 (8).feature:16"
                        },
                        {
                                "name": "I switch the blender on",
                                "keyword": "When",
                                "step_type": "when",
                                "result": {
                                        "status": "failed",
                                        "duration": 3.4809112548828125e-03
                                },
```

```
                                "match": {
                                        "location": "steps/tutorial.py:34",
                                        "arguments": []
                                },
                                "location": "1 (8).feature:17"
                        },
                        {
                                "name": "it should transform into \"toxic waste\"",
                                "keyword": "Then",
                                "step_type": "then",
                                "result": {
                                        "status": "failed",
                                        "duration": 2.6941299438476562e-03
                                },
                                "match": {
                                        "location": "steps/tutorial.py:38",
                                        "arguments": [
                                                {
                                                        "name": "other_thing",
                                                        "value": "toxic waste"
                                                }
                                        ]
                                },
                                "location": "1 (8).feature:18"
                        }
                ],
                "location": "1 (8).feature:27",
                "type": "scenario"
        },
        {
                "name": "Test -- @2.2 Consumer Electronics",
                "keyword": "Scenario Outline",
                "tags": [
                        "XTP-11"
                ],
                "steps": [
                        {
                                "name": "I put \"Galaxy Nexus\" in a blender",
                                "keyword": "Given",
                                "step_type": "given",
                                "result": {
                                        "status": "failed",
                                        "duration": 3.814697265625e-03
                                },
                                "match": {
                                        "location": "steps/tutorial.py:29",
                                        "arguments": [
                                                {
                                                        "name": "thing",
                                                        "value": "Galaxy Nexus"
                                                }
                                        ]
                                },
                                "location": "1 (8).feature:16"
                        },
                        {
                                "name": "I switch the blender on",
                                "keyword": "When",
                                "step_type": "when",
                                "result": {
                                        "status": "failed",
                                        "duration": 2.5033950805664062e-03
                                },
                                "match": {
                                        "location": "steps/tutorial.py:34",
                                        "arguments": []
                                },
                                "location": "1 (8).feature:17"
                        },
                        {
                                "name": "it should transform into \"toxic waste\"",
```

```
                                        "keyword": "Then",
                                        "step_type": "then",
                                        "result": {
                                                "status": "failed",
                                                "duration": 2.8133392333984375e-03
                                        },
                                        "match": {
                                                "location": "steps/tutorial.py:38",
                                                "arguments": [
                                                        {
                                                                "name": "other_thing",
                                                                "value": "toxic waste"
                                                        }
                                                ]
                                        },
                                        "location": "1 (8).feature:18"
                                }
                        ],
                        "location": "1 (8).feature:28",
                        "type": "scenario"
                }
        ],
        "name": "",
        "keyword": "Feature",
        "tags": [
                "XTP-2"
        ],
        "location": "1 (8).feature:2"
    }
]
```


Example Request

curl -H "Content-Type: application/json" -X POST -u admin:admin --data @cucumber_output.json http://yourserver/rest/raven/1.0/import/execution/behave

Responses

200 OK : **application/json** : Successful. The results where successfully imported to Jira.

Example Output


```
{
    "testExecIssue": {
           "id": "10000",
           "key": "DEMO-123",
           "self": "http://www.example.com/jira/rest/api/2/issue/10000"
     }
}
```


400 BAD_REQUEST : **application/json :** No execution results where provided**.**

401 UNAUTHORIZED : **application/json** : The Xray license is not valid.

500 INTERNAL SERVER ERROR : **application/json** : An internal error occurred when importing execution results.

Behave JSON results Multipart

Xray provides another endpoint if you want to create new Test Executions and have control over newly-created Test Execution fields. It allows you to send two JSON files, the normal Behave's result JSON and a JSON similar to the one Jira uses to create new issues. For more information about that second format, check the Jira documentation here.

Import the execution results created with the Behave JSON output formatter.

Note: Currently, if you specify the Test Plan custom field, the Tests of the Test Execution will not be added automatically to the Test Plan.

Request

Example

Result JSON


```
[
        {
                "status": "failed",
                "elements": [
                        {
                                "name": "Test automatic",
                                "keyword": "Scenario",
                                "tags": [
                                        "XTP-11"
                                ],
                                "steps": [
                                        {
                                                "name": "I have entered 20 into the calculator",
                                                "keyword": "Given",
                                                "step_type": "given",
                                                "result": {
                                                        "status": "failed",
                                                        "duration": 3.0994415283203125e-03
                                                },
                                                "match": {
                                                        "location": "steps/tutorial.py:13",
                                                        "arguments": []
                                                },
                                                "location": "1 (8).feature:7"
                                        },
                                        {
                                                "name": "I have entered 30 into the calculator",
                                                "keyword": "And",
                                                "step_type": "given",
                                                "result": {
                                                        "status": "failed",
                                                        "duration": 2.5033950805664062e-03
                                                },
                                                "match": {
                                                        "location": "steps/tutorial.py:17",
                                                        "arguments": []
                                                },
                                                "location": "1 (8).feature:8"
                                        },
                                        {
                                                "name": "I press add",
                                                "keyword": "When",
                                                "step_type": "when",
                                                "result": {
                                                        "status": "failed",
                                                        "duration": 2.288818359375e-03
                                                },
                                                "match": {
                                                        "location": "steps/tutorial.py:21",
                                                        "arguments": []
                                                },
                                                "location": "1 (8).feature:9"
                                        },
                                        {
                                                "name": "the result should be 50 on the screen",
                                                "keyword": "Then",
                                                "step_type": "then",
                                                "result": {
                                                        "status": "failed",
                                                        "duration": 2.2172927856445312e-03
                                                },
```

```
                                "match": {
                                        "location": "steps/tutorial.py:25",
                                        "arguments": []
                                },
                                "location": "1 (8).feature:10"
                        }
                ],
                "location": "1 (8).feature:6",
                "type": "scenario"
        },
        {
                "name": "Test -- @2.1 Consumer Electronics",
                "keyword": "Scenario Outline",
                "tags": [
                        "XTP-11"
                ],
                "steps": [
                        {
                                "name": "I put \"iPhone\" in a blender",
                                "keyword": "Given",
                                "step_type": "given",
                                "result": {
                                        "status": "failed",
                                        "duration": 5.1021575927734375e-03
                                },
                                "match": {
                                        "location": "steps/tutorial.py:29",
                                        "arguments": [
                                                {
                                                        "name": "thing",
                                                        "value": "iPhone"
                                                }
                                        ]
                                },
                                "location": "1 (8).feature:16"
                        },
                        {
                                "name": "I switch the blender on",
                                "keyword": "When",
                                "step_type": "when",
                                "result": {
                                        "status": "failed",
                                        "duration": 3.4809112548828125e-03
                                },
                                "match": {
                                        "location": "steps/tutorial.py:34",
                                        "arguments": []
                                },
                                "location": "1 (8).feature:17"
                        },
                        {
                                "name": "it should transform into \"toxic waste\"",
                                "keyword": "Then",
                                "step_type": "then",
                                "result": {
                                        "status": "failed",
                                        "duration": 2.6941299438476562e-03
                                },
                                "match": {
                                        "location": "steps/tutorial.py:38",
                                        "arguments": [
                                                {
                                                        "name": "other_thing",
                                                        "value": "toxic waste"
                                                }
                                        ]
                                },
                                "location": "1 (8).feature:18"
                        }
                ],
                "location": "1 (8).feature:27",
```

```
                        "type": "scenario"
                },
                {
                        "name": "Test -- @2.2 Consumer Electronics",
                        "keyword": "Scenario Outline",
                        "tags": [
                                "XTP-11"
                        ],
                        "steps": [
                                {
                                        "name": "I put \"Galaxy Nexus\" in a blender",
                                        "keyword": "Given",
                                        "step_type": "given",
                                        "result": {
                                                "status": "failed",
                                                "duration": 3.814697265625e-03
                                        },
                                        "match": {
                                                "location": "steps/tutorial.py:29",
                                                "arguments": [
                                                        {
                                                                "name": "thing",
                                                                "value": "Galaxy Nexus"
                                                        }
                                                ]
                                        },
                                        "location": "1 (8).feature:16"
                                },
                                {
                                        "name": "I switch the blender on",
                                        "keyword": "When",
                                        "step_type": "when",
                                        "result": {
                                                "status": "failed",
                                                "duration": 2.5033950805664062e-03
                                        },
                                        "match": {
                                                "location": "steps/tutorial.py:34",
                                                "arguments": []
                                        },
                                        "location": "1 (8).feature:17"
                                },
                                {
                                        "name": "it should transform into \"toxic waste\"",
                                        "keyword": "Then",
                                        "step_type": "then",
                                        "result": {
                                                "status": "failed",
                                                "duration": 2.8133392333984375e-03
                                        },
                                        "match": {
                                                "location": "steps/tutorial.py:38",
                                                "arguments": [
                                                        {
                                                                "name": "other_thing",
                                                                "value": "toxic waste"
                                                        }
                                                ]
                                        },
                                        "location": "1 (8).feature:18"
                                }
                        ],
                        "location": "1 (8).feature:28",
                        "type": "scenario"
                }
        ],
        "name": "",
        "keyword": "Feature",
        "tags": [
                "XTP-2"
        ],
```

```
                "location": "1 (8).feature:2"
        }
]
```

Info JSON

```
{
        "fields": {
                "project": {
                        "id": "10402"
                },
                "summary": "Test Execution for cucumber Execution",
                "issuetype": {
                        "id": "10007"
                },
                "components" : [
                        {
                        "name":"Interface"
                        },
                        {
                        "name":"Core"
                        }
                ],
                "customfield_10032" : [
                        "TES-38"
                ]
        }
}
```

Example Request

curl -u admin:admin -F info=@createTest.json -F result=@results.json http://yourserver/rest/raven/1.0/import/execution/behave/multipart

Responses

200 OK : **application/json** : Successful. The results where successfully imported to Jira.

Example Output

```
{
    "testExecIssue": {
           "id": "10000",
           "key": "DEMO-123",
           "self": "http://www.example.com/jira/rest/api/2/issue/10000"
     }
}
```

400 BAD_REQUEST : **application/json :** No execution results where provided**.**

401 UNAUTHORIZED : **application/json** : The Xray license is not valid.

500 INTERNAL SERVER ERROR : **application/json** : An internal error occurred when importing execution results.

JUnit XML results

After executing JUnit tests, you must import the outputted XML execution results to Jira using the following endpoint:

Import the execution results created with the JUnit XML output formatter. For more information, please check the documentation about JUnit integration.

Request

PATH PARAMETERS

parameter	type	description
`projectKey`	*String*	- key of the project where the test execution (if the **testExecKey** parameter wasn't provided) and the tests (if they aren't created yet) are going to be created.
testExecKey	String	- key of the Test Execution.
testPlanKey	String	- key of the Test Plan; if you specify the Test Plan, the Tests will be added automatically to the Test Plan if they're not part of it.
testEnvironments	String	- a string containing a list of test environments separated by ";"
revision	String	- source code and documentation version used in the test execution.
fixVersion	String	- the Fix Version associated with the test execution (it supports only one value).

multipart/form-data:

"file" *: a* ***MultipartFormParam*** *containing a* ***XML file*** *to import.*

Example

JUnit Report XML

```
<?xml version="1.0" encoding="UTF-8" ?>
<testsuite tests="15" failures="0" name="ut.com.xpandit.raven.service.impl.IssueDataSetTest" time="0.163"
errors="0" skipped="0">
  <properties>
    ...
  </properties>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidLimitOverflowOption_returnsExpectedSubset" time="0.114"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withNullOptionsAndValidIssue_throwsIllegalArgumentException" time="0.002"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidEmptyOptions_returnsAllIssues" time="0.002"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidGlobalSearchOptions_returnsExpectedTests" time="0.016"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndInvalidColumnSearchOption_returnsAllTests" time="0.007"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidLimitUnderOption_returnsExpectedSubset" time="0.001"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidGlobalSearchOptionThatMachesIssueKey_returnsExpectedTestWithMatchedKey"
time="0.006"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidSummaryColumnAscSortOption_returnsExpectedIssuesInAscOrder" time="
0.006"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidSummaryColumnDescSortOption_returnsExpectedIssuesInDescOrder" time="
0.002"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidGlobalSearchOptionThatMatchesAllElements_returnsAllTests" time="0.001"
/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidColumnSearchOptionThatMatchesOneElement_returnsOneTest" time="0.002"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidColumnSearchOptionThatMatchesNoIssue_returnsEmptyList" time="0.001"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidGlobalSearchOptionThatMachesNoIssue_returnsEmptyList" time="0.001"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidKeyColumnDescSortOption_returnsExpectedIssuesInDescOrder" time="0.001"
/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidKeyColumnAscSortOption_returnsExpectedIssuesInAscOrder" time="0.001"/>
</testsuite>
```

Example Request

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@report.xml" http://yourserver/rest/raven/1.0/import/execution/junit?projectKey=XTP

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@report.xml" http://yourserver/rest/raven/1.0/import/execution/junit?testExecKey=XNP-23

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@report.xml" http://yourserver/rest/raven/1.0/import/execution/junit?projectKey=XTP&testExecKey=XNP-23

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@report.xml" http://yourserver/rest/raven/1.0/import/execution/junit?projectKey=XTP&testPlanKey=XTP-12&fixVersion=v2.1.0

Responses

200 OK : **application/json** : Successful. The results where successfully imported to Jira.

Example Output

```
{
  "testExecIssue": {
    "id": "10200",
    "key": "XNP-24",
    "self": "http://www.example.com/jira/rest/api/2/issue/10200"
  }
}
```

400 BAD_REQUEST : **application/json :** Returns the error.

401 UNAUTHORIZED : **application/json** : The Xray license is not valid.

500 INTERNAL SERVER ERROR : **application/json** : An internal error occurred when importing execution results.

JUnit XML results Multipart

Xray provides another endpoint if you want to create new Test Executions and have control over newly-created Test Execution fields. It allows you to send one XML file (the JUnit report) and a JSON similar to the one Jira uses to create new issues. For more information about that second format, check the Jira documentation here.

Import the execution results created with the JUnit XML output formatter. For more information, please check the documentation about JUnit integration.

Note: Currently, if you specify the Test Plan custom field, the Tests of the Test Execution will not be added automatically to the Test Plan.

Request

Example

JUnit Report XML

```
<?xml version="1.0" encoding="UTF-8" ?>
<testsuite tests="15" failures="0" name="ut.com.xpandit.raven.service.impl.IssueDataSetTest" time="0.163"
errors="0" skipped="0">
  <properties>
    ...
  </properties>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidLimitOverflowOption_returnsExpectedSubset" time="0.114"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withNullOptionsAndValidIssue_throwsIllegalArgumentException" time="0.002"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidEmptyOptions_returnsAllIssues" time="0.002"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidGlobalSearchOptions_returnsExpectedTests" time="0.016"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndInvalidColumnSearchOption_returnsAllTests" time="0.007"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidLimitUnderOption_returnsExpectedSubset" time="0.001"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidGlobalSearchOptionThatMachesIssueKey_returnsExpectedTestWithMatchedKey"
time="0.006"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidSummaryColumnAscSortOption_returnsExpectedIssuesInAscOrder" time="
0.006"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidSummaryColumnDescSortOption_returnsExpectedIssuesInDescOrder" time="
0.002"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidGlobalSearchOptionThatMatchesAllElements_returnsAllTests" time="0.001"
/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidColumnSearchOptionThatMatchesOneElement_returnsOneTest" time="0.002"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidColumnSearchOptionThatMatchesNoIssue_returnsEmptyList" time="0.001"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidGlobalSearchOptionThatMachesNoIssue_returnsEmptyList" time="0.001"/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidKeyColumnDescSortOption_returnsExpectedIssuesInDescOrder" time="0.001"
/>
  <testcase classname="ut.com.xpandit.raven.service.impl.IssueDataSetTest" name="
testApplyOptions_withValidIssueAndValidKeyColumnAscSortOption_returnsExpectedIssuesInAscOrder" time="0.001"/>
</testsuite>
```

Info JSON

```
{
        "fields": {
                "project": {
                        "id": "10402"
                },
                "summary": "Test Execution for junit Execution",
                "issuetype": {
                        "id": "10007"
                },
                "components" : [
                        {
                        "name":"Interface"
                        },
                        {
                        "name":"Core"
                        }
                ]
        }
}
```

Example Request

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@report.xml" -F "info=@testExec.json" http://yourserver/rest/raven/1.0/import/execution/junit/multipart

Responses

200 OK : **application/json** : Successful. The results where successfully imported to Jira.

Example Output

```
{
  "testExecIssue": {
    "id": "10200",
    "key": "XNP-24",
    "self": "http://www.example.com/jira/rest/api/2/issue/10200"
  }
}
```

400 BAD_REQUEST : **application/json :** Returns the error.

401 UNAUTHORIZED : **application/json** : The Xray license is not valid.

500 INTERNAL SERVER ERROR : **application/json** : An internal error occurred when importing execution results.

NUnit XML results

After executing NUnit tests, you must import the outputted XML execution results to Jira using the following endpoint:

Import the execution results created with the NUnit XML output formatter. For more information please check the documentation about NUnit integration.

Request

PATH PARAMETERS

parameter	type	description
`projectKey`	*String*	- key of the project where the Test Execution (if the **testExecKey** parameter wasn't provided) and the tests (if they aren't created yet) are going to be created.
testExecKey	String	- key of the Test Execution.
testPlanKey	String	- key of the Test Plan; if you specify the Test Plan, the Tests will be added automatically to the Test Plan if they're not part of it.
testEnvironments	String	- a string containing a list of test environments separated by ";"
revision	String	- source code and documentation version used in the test execution.
fixVersion	String	- the Fix Version associated with the test execution (it supports only one value).

multipart/form-data:

***"file"** : a **MultipartFormParam** containing a **XML file** to import.*

Example

NUnit Report XML

```
<?xml version="1.0" encoding="utf-8" standalone="no"?>
<test-run id="0" testcasecount="14" total="14" passed="13" failed="1" inconclusive="0" skipped="0" asserts="
14" result="Failed" portable-engine-version="3.3.0.0" start-time="2016-12-26 14:36:03Z" end-time="2016-12-26
14:36:03Z" duration="0.140400">
<test-suite type="Assembly" id="1021" name="x, Version=1.0.0.0, Culture=neutral, PublicKeyToken=null"
fullname="x, Version=1.0.0.0, Culture=neutral, PublicKeyToken=null" runstate="Runnable" testcasecount="14"
result="Failed" site="Child" start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="
0.110549" total="14" passed="13" failed="1" inconclusive="0" skipped="0" asserts="14">
  <settings>
    <setting name="WorkDirectory" value="C:\Users\Sergio\x" />
  </settings>
  <failure>
    <message><![CDATA[One or more child tests had errors]]></message>
  </failure>
  <test-suite type="TestFixture" id="1000" name="TestClass" fullname="TestClass" classname="TestClass"
runstate="Runnable" testcasecount="2" result="Failed" site="Child" start-time="2016-12-26 14:36:03Z" end-
time="2016-12-26 14:36:03Z" duration="0.084668" total="2" passed="1" failed="1" inconclusive="0" skipped="0"
asserts="2">
    <failure>
      <message><![CDATA[One or more child tests had errors]]></message>
    </failure>
    <test-suite type="ParameterizedMethod" id="1003" name="SubtractTest" fullname="TestClass.SubtractTest"
classname="TestClass" runstate="Runnable" testcasecount="2" result="Failed" site="Child" start-time="2016-12-
26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.080887" total="2" passed="1" failed="1"
inconclusive="0" skipped="0" asserts="2">
        <properties>
            <property name="Requirement" value="DEV-771" />
          </properties><failure>
        <message><![CDATA[One or more child tests had errors]]></message>
      </failure>
      <test-case id="1001" name="SubtractTest(1)" fullname="TestClass.SubtractTest(1)" methodname="
SubtractTest" classname="TestClass" runstate="Runnable" seed="1166833138" result="Failed" start-time="2016-12-
26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.043525" asserts="1">
        <failure>
          <message><![CDATA[  Expected: 10
But was:  1
]]></message>
          <stack-trace><![CDATA[at TestClass.SubtractTest(Int32 x) in C:\Users\Sergio\x\TestClass.cs:line 13
]]></stack-trace>
        </failure>
      </test-case>
      <test-case id="1002" name="SubtractTest(10)" fullname="TestClass.SubtractTest(10)" methodname="
SubtractTest" classname="TestClass" runstate="Runnable" seed="1003146807" result="Failed" start-time="2016-12-
26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="12.000098" asserts="1" />
    </test-suite>
  </test-suite>
```

```
  <test-suite type="TestSuite" id="1022" name="x" fullname="x" runstate="Runnable" testcasecount="12" result="
Passed" start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.015218" total="12"
passed="12" failed="0" inconclusive="0" skipped="0" asserts="12">
    <test-suite type="TestFixture" id="1004" name="CalculatorTests" fullname="x.CalculatorTests" classname="x.
CalculatorTests" runstate="Runnable" testcasecount="12" result="Passed" start-time="2016-12-26 14:36:03Z" end-
time="2016-12-26 14:36:03Z" duration="0.014979" total="12" passed="12" failed="0" inconclusive="0" skipped="
0" asserts="12">
      <test-suite type="ParameterizedMethod" id="1008" name="CanAddNumbers" fullname="x.CalculatorTests.
CanAddNumbers" classname="x.CalculatorTests" runstate="Runnable" testcasecount="3" result="Passed" start-
time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.004228" total="3" passed="3" failed="
0" inconclusive="0" skipped="0" asserts="3">
          <properties>
            <property name="Requirement" value="DEV-771" />
          </properties>
        <test-case id="1005" name="CanAddNumbers(1,1,2)" fullname="x.CalculatorTests.CanAddNumbers(1,1,2)"
methodname="CanAddNumbers" classname="x.CalculatorTests" runstate="Runnable" seed="1846389584" result="
Passed" start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.001194" asserts="1" />
        <test-case id="1006" name="CanAddNumbers(-1,-1,-2)" fullname="x.CalculatorTests.CanAddNumbers(-1,-1,
-2)" methodname="CanAddNumbers" classname="x.CalculatorTests" runstate="Runnable" seed="1113780989" result="
Passed" start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000067" asserts="1" />
        <test-case id="1007" name="CanAddNumbers(100,5,105)" fullname="x.CalculatorTests.CanAddNumbers
(100,5,105)" methodname="CanAddNumbers" classname="x.CalculatorTests" runstate="Runnable" seed="1585332966"
result="Passed" start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000103"
asserts="1" />
      </test-suite>
      <test-suite type="ParameterizedMethod" id="1020" name="CanDivide" fullname="x.CalculatorTests.
CanDivide" classname="x.CalculatorTests" runstate="Runnable" testcasecount="3" result="Passed" start-time="
2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.004041" total="3" passed="3" failed="0"
inconclusive="0" skipped="0" asserts="3">
          <properties>
            <property name="Requirement" value="DEV-771" />
          </properties>
        <test-case id="1017" name="CanDivide(1,1,1)" fullname="x.CalculatorTests.CanDivide(1,1,1)"
methodname="CanDivide" classname="x.CalculatorTests" runstate="Runnable" seed="1285501252" result="Passed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000354" asserts="1" />
        <test-case id="1018" name="CanDivide(-1,-1,1)" fullname="x.CalculatorTests.CanDivide(-1,-1,1)"
methodname="CanDivide" classname="x.CalculatorTests" runstate="Runnable" seed="1436436719" result="Passed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000073" asserts="1" />
        <test-case id="1019" name="CanDivide(100,5,20)" fullname="x.CalculatorTests.CanDivide(100,5,20)"
methodname="CanDivide" classname="x.CalculatorTests" runstate="Runnable" seed="213310888" result="Passed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000060" asserts="1" />
      </test-suite>
      <test-suite type="ParameterizedMethod" id="1016" name="CanMultiply" fullname="x.CalculatorTests.
CanMultiply" classname="x.CalculatorTests" runstate="Runnable" testcasecount="3" result="Passed" start-time="
2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.002759" total="3" passed="3" failed="0"
inconclusive="0" skipped="0" asserts="3">
        <test-case id="1013" name="CanMultiply(1,1,1)" fullname="x.CalculatorTests.CanMultiply(1,1,1)"
methodname="CanMultiply" classname="x.CalculatorTests" runstate="Runnable" seed="1192735127" result="Passed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000331" asserts="1">
                <properties>
            <property name="label" value="multiplication" />
          </properties>
          </test-case>
        <test-case id="1014" name="CanMultiply(-1,-1,1)" fullname="x.CalculatorTests.CanMultiply(-1,-1,1)"
methodname="CanMultiply" classname="x.CalculatorTests" runstate="Runnable" seed="39988064" result="Passed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000059" asserts="1">
                <properties>
            <property name="label" value="multiplication" />
          </properties>
          </test-case>
        <test-case id="1015" name="CanMultiply(100,5,500)" fullname="x.CalculatorTests.CanMultiply
(100,5,500)" methodname="CanMultiplyAgain" classname="x.CalculatorTests" runstate="Runnable" seed="
1462346243" result="Passed" start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="
0.000052" asserts="1">
                <properties>
            <property name="requirement" value="DEV-34" />
          </properties>
          </test-case>
      </test-suite>
      <test-suite type="ParameterizedMethod" id="1012" name="CanSubtract" fullname="x.CalculatorTests.
CanSubtract" classname="x.CalculatorTests" runstate="Runnable" testcasecount="3" result="Passed" start-time="
```

```
2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.002827" total="3" passed="3" failed="0"
inconclusive="0" skipped="0" asserts="3">
          <properties>
            <property name="requirement" value="DEV-328" />
          </properties>
        <test-case id="1009" name="CanSubtract(1,1,0)" fullname="x.CalculatorTests.CanSubtract(1,1,0)"
methodname="CanSubtract" classname="x.CalculatorTests" runstate="Runnable" seed="1019357734" result="Failed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000303" asserts="1">
          <failure>
            <message><![CDATA[Error subtracting]]></message>
          </failure>
      </test-case>
        <test-case id="1010" name="CanSubtract(-1,-1,0)" fullname="x.CalculatorTests.CanSubtract(-1,-1,0)"
methodname="CanSubtract" classname="x.CalculatorTests" runstate="Runnable" seed="1322022615" result="Failed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000056" asserts="1" >
              <failure>
        <message><![CDATA[Error subtracting]]></message>
      </failure>
      </test-case>
        <test-case id="1011" name="CanSubtract(100,5,95)" fullname="x.CalculatorTests.CanSubtract(100,5,95)"
methodname="CanSubtract" classname="x.CalculatorTests" runstate="Runnable" seed="4493553" result="Passed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000053" asserts="1" />
      </test-suite>
    </test-suite>
  </test-suite>
</test-suite>
</test-run>
```

Example Request

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@report.xml" http://yourserver/rest/raven/1.0/import/execution/nunit?projectKey=XTP

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@report.xml" http://yourserver/rest/raven/1.0/import/execution/nunit?testExecKey=XNP-23

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@report.xml" http://yourserver/rest/raven/1.0/import/execution/nunit?projectKey=XTP&testExecKey=XNP-23

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@report.xml" http://yourserver/rest/raven/1.0/import/execution/nunit?projectKey=XTP&testPlanKey=XTP-12&revision=v2.1.0

Responses

200 OK : ***application/json*** : Successful. The results where successfully imported to Jira.

Example Output

```
{
  "testExecIssue": {
    "id": "10200",
    "key": "XNP-24",
    "self": "http://www.example.com/jira/rest/api/2/issue/10200"
  }
}
```

400 BAD_REQUEST : ***application/json :*** *Returns the error.*

401 UNAUTHORIZED : ***application/json*** *: The Xray license is not valid.*

500 INTERNAL SERVER ERROR : ***application/json*** *: An internal error occurred when importing execution results.*

NUnit XML results Multipart

Xray provides another endpoint if you want to create new Test Executions and have control over newly-created Test Execution fields. It allows you to send one XML file (the NUnit report) and a JSON similar to the one Jira uses to create new issues. For more information about that second format, check the Jira documentation here.

Import the execution results created with the NUnit XML output formatter. For more information please check the documentation about NUnit integration.

Note: Currently, if you specify the Test Plan custom field, the Tests of the Test Execution will not be added automatically to the Test Plan.

Request

Example

NUnit Report XML

```
<?xml version="1.0" encoding="utf-8" standalone="no"?>
<test-run id="0" testcasecount="14" total="14" passed="13" failed="1" inconclusive="0" skipped="0" asserts="
14" result="Failed" portable-engine-version="3.3.0.0" start-time="2016-12-26 14:36:03Z" end-time="2016-12-26
14:36:03Z" duration="0.140400">
<test-suite type="Assembly" id="1021" name="x, Version=1.0.0.0, Culture=neutral, PublicKeyToken=null"
fullname="x, Version=1.0.0.0, Culture=neutral, PublicKeyToken=null" runstate="Runnable" testcasecount="14"
result="Failed" site="Child" start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="
0.110549" total="14" passed="13" failed="1" inconclusive="0" skipped="0" asserts="14">
  <settings>
    <setting name="WorkDirectory" value="C:\Users\Sergio\x" />
  </settings>
  <failure>
    <message><![CDATA[One or more child tests had errors]]></message>
  </failure>
  <test-suite type="TestFixture" id="1000" name="TestClass" fullname="TestClass" classname="TestClass"
runstate="Runnable" testcasecount="2" result="Failed" site="Child" start-time="2016-12-26 14:36:03Z" end-
time="2016-12-26 14:36:03Z" duration="0.084668" total="2" passed="1" failed="1" inconclusive="0" skipped="0"
asserts="2">
    <failure>
      <message><![CDATA[One or more child tests had errors]]></message>
    </failure>
    <test-suite type="ParameterizedMethod" id="1003" name="SubtractTest" fullname="TestClass.SubtractTest"
classname="TestClass" runstate="Runnable" testcasecount="2" result="Failed" site="Child" start-time="2016-12-
26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.080887" total="2" passed="1" failed="1"
inconclusive="0" skipped="0" asserts="2">
        <properties>
            <property name="Requirement" value="DEV-771" />
          </properties><failure>
        <message><![CDATA[One or more child tests had errors]]></message>
      </failure>
      <test-case id="1001" name="SubtractTest(1)" fullname="TestClass.SubtractTest(1)" methodname="
SubtractTest" classname="TestClass" runstate="Runnable" seed="1166833138" result="Failed" start-time="2016-12-
26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.043525" asserts="1">
        <failure>
          <message><![CDATA[  Expected: 10
But was:  1
]]></message>
          <stack-trace><![CDATA[at TestClass.SubtractTest(Int32 x) in C:\Users\Sergio\x\TestClass.cs:line 13
]]></stack-trace>
        </failure>
      </test-case>
      <test-case id="1002" name="SubtractTest(10)" fullname="TestClass.SubtractTest(10)" methodname="
SubtractTest" classname="TestClass" runstate="Runnable" seed="1003146807" result="Failed" start-time="2016-12-
26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="12.000098" asserts="1" />
    </test-suite>
  </test-suite>
  <test-suite type="TestSuite" id="1022" name="x" fullname="x" runstate="Runnable" testcasecount="12" result="
Passed" start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.015218" total="12"
passed="12" failed="0" inconclusive="0" skipped="0" asserts="12">
    <test-suite type="TestFixture" id="1004" name="CalculatorTests" fullname="x.CalculatorTests" classname="x.
CalculatorTests" runstate="Runnable" testcasecount="12" result="Passed" start-time="2016-12-26 14:36:03Z" end-
time="2016-12-26 14:36:03Z" duration="0.014979" total="12" passed="12" failed="0" inconclusive="0" skipped="
0" asserts="12">
      <test-suite type="ParameterizedMethod" id="1008" name="CanAddNumbers" fullname="x.CalculatorTests.
```

```
CanAddNumbers" classname="x.CalculatorTests" runstate="Runnable" testcasecount="3" result="Passed" start-
time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.004228" total="3" passed="3" failed="
0" inconclusive="0" skipped="0" asserts="3">
          <properties>
            <property name="Requirement" value="DEV-771" />
          </properties>
        <test-case id="1005" name="CanAddNumbers(1,1,2)" fullname="x.CalculatorTests.CanAddNumbers(1,1,2)"
methodname="CanAddNumbers" classname="x.CalculatorTests" runstate="Runnable" seed="1846389584" result="
Passed" start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.001194" asserts="1" />
        <test-case id="1006" name="CanAddNumbers(-1,-1,-2)" fullname="x.CalculatorTests.CanAddNumbers(-1,-1,
-2)" methodname="CanAddNumbers" classname="x.CalculatorTests" runstate="Runnable" seed="1113780989" result="
Passed" start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000067" asserts="1" />
        <test-case id="1007" name="CanAddNumbers(100,5,105)" fullname="x.CalculatorTests.CanAddNumbers
(100,5,105)" methodname="CanAddNumbers" classname="x.CalculatorTests" runstate="Runnable" seed="1585332966"
result="Passed" start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000103"
asserts="1" />
      </test-suite>
      <test-suite type="ParameterizedMethod" id="1020" name="CanDivide" fullname="x.CalculatorTests.
CanDivide" classname="x.CalculatorTests" runstate="Runnable" testcasecount="3" result="Passed" start-time="
2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.004041" total="3" passed="3" failed="0"
inconclusive="0" skipped="0" asserts="3">
          <properties>
            <property name="Requirement" value="DEV-771" />
          </properties>
        <test-case id="1017" name="CanDivide(1,1,1)" fullname="x.CalculatorTests.CanDivide(1,1,1)"
methodname="CanDivide" classname="x.CalculatorTests" runstate="Runnable" seed="1285501252" result="Passed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000354" asserts="1" />
        <test-case id="1018" name="CanDivide(-1,-1,1)" fullname="x.CalculatorTests.CanDivide(-1,-1,1)"
methodname="CanDivide" classname="x.CalculatorTests" runstate="Runnable" seed="1436436719" result="Passed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000073" asserts="1" />
        <test-case id="1019" name="CanDivide(100,5,20)" fullname="x.CalculatorTests.CanDivide(100,5,20)"
methodname="CanDivide" classname="x.CalculatorTests" runstate="Runnable" seed="213310888" result="Passed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000060" asserts="1" />
      </test-suite>
      <test-suite type="ParameterizedMethod" id="1016" name="CanMultiply" fullname="x.CalculatorTests.
CanMultiply" classname="x.CalculatorTests" runstate="Runnable" testcasecount="3" result="Passed" start-time="
2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.002759" total="3" passed="3" failed="0"
inconclusive="0" skipped="0" asserts="3">
        <test-case id="1013" name="CanMultiply(1,1,1)" fullname="x.CalculatorTests.CanMultiply(1,1,1)"
methodname="CanMultiply" classname="x.CalculatorTests" runstate="Runnable" seed="1192735127" result="Passed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000331" asserts="1">
                <properties>
            <property name="label" value="multiplication" />
          </properties>
          </test-case>
        <test-case id="1014" name="CanMultiply(-1,-1,1)" fullname="x.CalculatorTests.CanMultiply(-1,-1,1)"
methodname="CanMultiply" classname="x.CalculatorTests" runstate="Runnable" seed="39988064" result="Passed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000059" asserts="1">
                <properties>
            <property name="label" value="multiplication" />
          </properties>
          </test-case>
        <test-case id="1015" name="CanMultiply(100,5,500)" fullname="x.CalculatorTests.CanMultiply
(100,5,500)" methodname="CanMultiplyAgain" classname="x.CalculatorTests" runstate="Runnable" seed="
1462346243" result="Passed" start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="
0.000052" asserts="1">
                <properties>
            <property name="requirement" value="DEV-34" />
          </properties>
          </test-case>
      </test-suite>
      <test-suite type="ParameterizedMethod" id="1012" name="CanSubtract" fullname="x.CalculatorTests.
CanSubtract" classname="x.CalculatorTests" runstate="Runnable" testcasecount="3" result="Passed" start-time="
2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.002827" total="3" passed="3" failed="0"
inconclusive="0" skipped="0" asserts="3">
          <properties>
            <property name="requirement" value="DEV-328" />
          </properties>
        <test-case id="1009" name="CanSubtract(1,1,0)" fullname="x.CalculatorTests.CanSubtract(1,1,0)"
methodname="CanSubtract" classname="x.CalculatorTests" runstate="Runnable" seed="1019357734" result="Failed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000303" asserts="1">
```

```
          <failure>
            <message><![CDATA[Error subtracting]]></message>
          </failure>
      </test-case>
        <test-case id="1010" name="CanSubtract(-1,-1,0)" fullname="x.CalculatorTests.CanSubtract(-1,-1,0)"
methodname="CanSubtract" classname="x.CalculatorTests" runstate="Runnable" seed="1322022615" result="Failed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000056" asserts="1" >
              <failure>
        <message><![CDATA[Error subtracting]]></message>
      </failure>
      </test-case>
        <test-case id="1011" name="CanSubtract(100,5,95)" fullname="x.CalculatorTests.CanSubtract(100,5,95)"
methodname="CanSubtract" classname="x.CalculatorTests" runstate="Runnable" seed="4493553" result="Passed"
start-time="2016-12-26 14:36:03Z" end-time="2016-12-26 14:36:03Z" duration="0.000053" asserts="1" />
      </test-suite>
    </test-suite>
  </test-suite>
</test-suite>
</test-run>
```

Info JSON

```
{
        "fields": {
                "project": {
                        "id": "10402"
                },
                "summary": "Test Execution for nunit Execution",
                "issuetype": {
                        "id": "10007"
                },
                "components" : [
                        {
                        "name":"Interface"
                        },
                        {
                        "name":"Core"
                        }
                ]
        }
}
```

Example Request

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@report.xml" -F "info=@testExec.json" http://yourserver/rest/raven/1.0/import/execution/nunit/multipart

Responses

200 OK **: application/json :** Successful. The results where successfully imported to Jira.

Example Output

```
{
  "testExecIssue": {
    "id": "10200",
    "key": "XNP-24",
    "self": "http://www.example.com/jira/rest/api/2/issue/10200"
  }
}
```

400 BAD_REQUEST **: application/json :** Returns the error.

401 UNAUTHORIZED **: application/json :** The Xray license is not valid.

500 INTERNAL SERVER ERROR **: application/json :** An internal error occurred when importing execution results.

Robot Framework XML results

After executing Robot Framework tests, you must import the output XML execution results to Jira using the following endpoint:

Import the execution results from Robot Framework XML output format.

Request

PATH PARAMETERS

parameter	type	description
`projectKey`	*String*	- key of the project where the Test Execution (if the **testExecKey** parameter wasn't provided) and the tests (if they aren't created yet) are going to be created.
testExecKey	String	- key of the Test Execution.
testPlanKey	String	- key of the Test Plan; if you specify the Test Plan, the Tests will be added automatically to the Test Plan if they're not part of it.
testEnvironments	String	- a string containing a list of test environments separated by ";"
revision	String	- source code and documentation version used in the test execution.
fixVersion	String	- the Fix Version associated with the test execution (it supports only one value).

multipart/form-data:

***"file"** : a **MultipartFormParam** containing a **XML file** to import.*

Example

Robot Report XML

```
<?xml version="1.0" encoding="UTF-8"?>
<robot generated="20170220 14:18:54.562" generator="Robot 3.0.2 (Python 2.7.13 on win32)">
  <suite source="C:\Users\lmfv\Documents\Saco de Features\xray-1238\robot-example\robotframework-
webdemo\login_tests" id="s1" name="Login Tests">
    <suite source="C:\Users\lmfv\Documents\Saco de Features\xray-1238\robot-example\robotframework-
webdemo\login_tests\gherkin_login.robot" id="s1-s1" name="Gherkin Login">
      <test id="s1-s1-t1" name="Gherkin Valid Login">
        <kw name="Given browser is opened to login page">
          <kw name="Login Page Should Be Open" library="resource">
            <kw name="Title Should Be" library="Selenium2Library">
              <doc>Verifies that current page title equals `title`.</doc>
              <arguments>
                <arg>Log in - Your Company JIRA</arg>
              </arguments>
              <msg timestamp="20170220 14:19:07.693" level="INFO">Page title is 'Log in - Your Company JIRA'.<
/msg>
              <status status="PASS" endtime="20170220 14:19:07.693" starttime="20170220 14:19:07.158">
              </status>
            </kw>
            <status status="PASS" endtime="20170220 14:19:07.693" starttime="20170220 14:19:07.158">
            </status>
          </kw>
          <status status="PASS" endtime="20170220 14:19:07.693" starttime="20170220 14:18:55.937">
          </status>
        </kw>
        <kw name="When user &quot;admin&quot; logs in with password &quot;password123&quot;">
          <kw name="Input Username" library="resource">
            <arguments>
```

```
              <arg>${username}</arg>
            </arguments>
            <kw name="Input Text" library="Selenium2Library">
              <doc>Types the given `text` into text field identified by `locator`.</doc>
              <arguments>
                <arg>login-form-username</arg>
                <arg>${username}</arg>
              </arguments>
              <msg timestamp="20170220 14:19:07.696" level="INFO">Typing text 'admin' into text field 'login-
form-username'</msg>
              <status status="PASS" endtime="20170220 14:19:09.314" starttime="20170220 14:19:07.696">
              </status>
            </kw>
            <status status="PASS" endtime="20170220 14:19:09.314" starttime="20170220 14:19:07.695">
            </status>
          </kw>
          <kw name="Input Password" library="resource">
            <arguments>
              <arg>${password}</arg>
            </arguments>
            <kw name="Input Text" library="Selenium2Library">
              <doc>Types the given `text` into text field identified by `locator`.</doc>
              <arguments>
                <arg>login-form-password</arg>
                <arg>${password}</arg>
              </arguments>
              <msg timestamp="20170220 14:19:09.316" level="INFO">Typing text 'password123' into text field
'login-form-password'</msg>
              <status status="PASS" endtime="20170220 14:19:10.956" starttime="20170220 14:19:09.316">
              </status>
            </kw>
            <status status="PASS" endtime="20170220 14:19:10.956" starttime="20170220 14:19:09.315">
            </status>
          </kw>
          <kw name="Submit Credentials" library="resource">
            <kw name="Click Button" library="Selenium2Library">
              <doc>Clicks a button identified by `locator`.</doc>
              <arguments>
                <arg>login-form-submit</arg>
              </arguments>
              <msg timestamp="20170220 14:19:10.958" level="INFO">Clicking button 'login-form-submit'.</msg>
              <status status="PASS" endtime="20170220 14:19:17.476" starttime="20170220 14:19:10.958">
              </status>
            </kw>
            <status status="PASS" endtime="20170220 14:19:17.477" starttime="20170220 14:19:10.957">
            </status>
          </kw>
          <status status="PASS" endtime="20170220 14:19:17.478" starttime="20170220 14:19:07.695">
          </status>
        </kw>
        <kw name="Then welcome page should be open" library="resource">
          <kw name="Location Should Be" library="Selenium2Library">
            <doc>Verifies that current URL is exactly `url`.</doc>
            <arguments>
              <arg>${WELCOME URL}</arg>
            </arguments>
            <kw name="Capture Page Screenshot" library="Selenium2Library">
              <doc>Takes a screenshot of the current page and embeds it into the log.</doc>
              <msg timestamp="20170220 14:19:18.702" html="yes" level="INFO">&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;
&lt;td colspan="3"&gt;&lt;a href="selenium-screenshot-1.png"&gt;&lt;img src="selenium-screenshot-1.png"
width="800px"&gt;&lt;/a&gt;</msg>
              <status status="PASS" endtime="20170220 14:19:18.702" starttime="20170220 14:19:18.004">
              </status>
            </kw>
            <msg timestamp="20170220 14:19:18.705" level="FAIL">Location should have been 'http://localhost:
8080/secure/Dashboard.jspa' but was 'http://localhost:8080/login.jsp'</msg>
            <status status="FAIL" endtime="20170220 14:19:18.705" starttime="20170220 14:19:17.483">
            </status>
          </kw>
          <status status="FAIL" endtime="20170220 14:19:18.706" starttime="20170220 14:19:17.481">
          </status>
```

```
        </kw>
        <kw type="teardown" name="Close Browser" library="Selenium2Library">
          <doc>Closes the current browser.</doc>
          <status status="PASS" endtime="20170220 14:19:22.382" starttime="20170220 14:19:18.707">
          </status>
        </kw>
        <tags>
          <tag>WEB-1</tag>
          <tag>WEB-3</tag>
        </tags>
        <status status="FAIL" endtime="20170220 14:19:22.383" critical="yes" starttime="20170220 14:18:55.936"
>Location should have been 'http://localhost:8080/secure/Dashboard.jspa' but was 'http://localhost:8080/login.
jsp'</status>
      </test>
      <doc>A test suite with a single Gherkin style test.This test is functionally identical to the example
invalid_login.robot file.</doc>
      <status status="FAIL" endtime="20170220 14:19:22.397" starttime="20170220 14:18:54.670">
      </status>
    </suite>
    <status status="FAIL" endtime="20170220 14:22:12.549" starttime="20170220 14:18:54.567">
    </status>
  </suite>
</robot>
```

Example Request

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@output.xml" http://yourserver/rest/raven/1.0/import/execution/robot?projectKey=XTP

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@output.xml" http://yourserver/rest/raven/1.0/import/execution/robot?testExecKey=XNP-23

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@output.xml" http://yourserver/rest/raven/1.0/import/execution/robot?projectKey=XTP&testExecKey=XNP-23

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@output.xml" http://yourserver/rest/raven/1.0/import/execution/robot?projectKey=XTP&testPlanKey=XTP-12&revision=v2.1.0

Responses

200 OK : **application/json** : Successful. The results where successfully imported to Jira.

Example Output

```
{
  "testExecIssue": {
    "id": "10200",
    "key": "XNP-24",
    "self": "http://www.example.com/jira/rest/api/2/issue/10200"
  }
}
```

400 BAD_REQUEST : **application/json :** Returns the error.

401 UNAUTHORIZED : **application/json** : The Xray license is not valid.

500 INTERNAL SERVER ERROR : **application/json** : An internal error occurred when importing execution results.

Robot Framework XML results Multipart

Xray provides another endpoint if you want to create new Test Executions and have control over newly-created Test Execution fields. It allows you to send one XML file (the Robot report) and a JSON similar to the one Jira uses to create new issues. For more information about that second format, check the Jira documentation here.

Imports the execution results from Robot Framework XML output format. For more information please check the documentation about

Note: Currently, if you specify the Test Plan custom field, the Tests of the Test Execution will not be added automatically to the Test Plan.

Request

Example

Robot Report XML

```
<?xml version="1.0" encoding="UTF-8"?>
<robot generated="20170220 14:18:54.562" generator="Robot 3.0.2 (Python 2.7.13 on win32)">
  <suite source="C:\Users\lmfv\Documents\Saco de Features\xray-1238\robot-example\robotframework-
webdemo\login_tests" id="s1" name="Login Tests">
    <suite source="C:\Users\lmfv\Documents\Saco de Features\xray-1238\robot-example\robotframework-
webdemo\login_tests\gherkin_login.robot" id="s1-s1" name="Gherkin Login">
      <test id="s1-s1-t1" name="Gherkin Valid Login">
        <kw name="Given browser is opened to login page">
          <kw name="Login Page Should Be Open" library="resource">
            <kw name="Title Should Be" library="Selenium2Library">
              <doc>Verifies that current page title equals `title`.</doc>
              <arguments>
                <arg>Log in - Your Company JIRA</arg>
              </arguments>
              <msg timestamp="20170220 14:19:07.693" level="INFO">Page title is 'Log in - Your Company JIRA'.<
/msg>
              <status status="PASS" endtime="20170220 14:19:07.693" starttime="20170220 14:19:07.158">
              </status>
            </kw>
            <status status="PASS" endtime="20170220 14:19:07.693" starttime="20170220 14:19:07.158">
            </status>
          </kw>
          <status status="PASS" endtime="20170220 14:19:07.693" starttime="20170220 14:18:55.937">
          </status>
        </kw>
        <kw name="When user &amp;quot;admin&amp;quot; logs in with password &amp;quot;password123&amp;quot;">
          <kw name="Input Username" library="resource">
            <arguments>
              <arg>${username}</arg>
            </arguments>
            <kw name="Input Text" library="Selenium2Library">
              <doc>Types the given `text` into text field identified by `locator`.</doc>
              <arguments>
                <arg>login-form-username</arg>
                <arg>${username}</arg>
              </arguments>
              <msg timestamp="20170220 14:19:07.696" level="INFO">Typing text 'admin' into text field 'login-
form-username'</msg>
              <status status="PASS" endtime="20170220 14:19:09.314" starttime="20170220 14:19:07.696">
              </status>
            </kw>
            <status status="PASS" endtime="20170220 14:19:09.314" starttime="20170220 14:19:07.695">
            </status>
          </kw>
          <kw name="Input Password" library="resource">
            <arguments>
              <arg>${password}</arg>
            </arguments>
            <kw name="Input Text" library="Selenium2Library">
              <doc>Types the given `text` into text field identified by `locator`.</doc>
              <arguments>
                <arg>login-form-password</arg>
                <arg>${password}</arg>
              </arguments>
              <msg timestamp="20170220 14:19:09.316" level="INFO">Typing text 'password123' into text field
'login-form-password'</msg>
              <status status="PASS" endtime="20170220 14:19:10.956" starttime="20170220 14:19:09.316">
              </status>
            </kw>
            <status status="PASS" endtime="20170220 14:19:10.956" starttime="20170220 14:19:09.315">
            </status>
```

```
          </kw>
          <kw name="Submit Credentials" library="resource">
            <kw name="Click Button" library="Selenium2Library">
              <doc>Clicks a button identified by `locator`.</doc>
              <arguments>
                <arg>login-form-submit</arg>
              </arguments>
              <msg timestamp="20170220 14:19:10.958" level="INFO">Clicking button 'login-form-submit'.</msg>
              <status status="PASS" endtime="20170220 14:19:17.476" starttime="20170220 14:19:10.958">
              </status>
            </kw>
            <status status="PASS" endtime="20170220 14:19:17.477" starttime="20170220 14:19:10.957">
            </status>
          </kw>
          <status status="PASS" endtime="20170220 14:19:17.478" starttime="20170220 14:19:07.695">
          </status>
        </kw>
        <kw name="Then welcome page should be open" library="resource">
          <kw name="Location Should Be" library="Selenium2Library">
            <doc>Verifies that current URL is exactly `url`.</doc>
            <arguments>
              <arg>${WELCOME URL}</arg>
            </arguments>
            <kw name="Capture Page Screenshot" library="Selenium2Library">
              <doc>Takes a screenshot of the current page and embeds it into the log.</doc>
              <msg timestamp="20170220 14:19:18.702" html="yes" level="INFO">&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;
&lt;td colspan="3"&gt;&lt;a href="selenium-screenshot-1.png"&gt;&lt;img src="selenium-screenshot-1.png"
width="800px"&gt;&lt;/a&gt;</msg>
              <status status="PASS" endtime="20170220 14:19:18.702" starttime="20170220 14:19:18.004">
              </status>
            </kw>
            <msg timestamp="20170220 14:19:18.705" level="FAIL">Location should have been 'http://localhost:
8080/secure/Dashboard.jspa' but was 'http://localhost:8080/login.jsp'</msg>
            <status status="FAIL" endtime="20170220 14:19:18.705" starttime="20170220 14:19:17.483">
            </status>
          </kw>
          <status status="FAIL" endtime="20170220 14:19:18.706" starttime="20170220 14:19:17.481">
          </status>
        </kw>
        <kw type="teardown" name="Close Browser" library="Selenium2Library">
          <doc>Closes the current browser.</doc>
          <status status="PASS" endtime="20170220 14:19:22.382" starttime="20170220 14:19:18.707">
          </status>
        </kw>
        <tags>
          <tag>WEB-1</tag>
          <tag>WEB-3</tag>
        </tags>
        <status status="FAIL" endtime="20170220 14:19:22.383" critical="yes" starttime="20170220 14:18:55.936"
>Location should have been 'http://localhost:8080/secure/Dashboard.jspa' but was 'http://localhost:8080/login.
jsp'</status>
      </test>
      <doc>A test suite with a single Gherkin style test.This test is functionally identical to the example
invalid_login.robot file.</doc>
      <status status="FAIL" endtime="20170220 14:19:22.397" starttime="20170220 14:18:54.670">
      </status>
    </suite>
    <status status="FAIL" endtime="20170220 14:22:12.549" starttime="20170220 14:18:54.567">
    </status>
  </suite>
</robot>
```

Info JSON

```
{
        "fields": {
                "project": {
                        "id": "10402"
                },
                "summary": "Test Execution for robot Execution",
                "issuetype": {
                        "id": "10007"
                },
                "components" : [
                        {
                        "name":"Interface"
                        },
                        {
                        "name":"Core"
                        }
                ]
        }
}
```

Example Request

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@output.xml" -F "info="@testExec.json" http://yourserver/rest/raven/1.0/import/execution/robot/multipart

Responses

200 OK : ***application/json*** *: Successful. The results where successfully imported to Jira.*

Example Output

```
{
  "testExecIssue": {
    "id": "10200",
    "key": "XNP-24",
    "self": "http://www.example.com/jira/rest/api/2/issue/10200"
  }
}
```

400 BAD_REQUEST : ***application/json :*** *Returns the error.*

401 UNAUTHORIZED : ***application/json*** *: The Xray license is not valid.*

500 INTERNAL SERVER ERROR : ***application/json*** *: An internal error occurred when importing execution results.*

Multiple Execution Results

In order to import multiple execution results (e.g., outputted from Calabash or Xamarin Test Cloud), you must import the bundled compressed file with multiple execution results to Jira using the following endpoint:

Import the execution results created with the Cucumber JSON output formatter. For more information, please check the Cucumber reports documentation.

Request

multipart/form-data:

"filePart" *: a* ***MultipartFormParam*** *containing a* ***compressed zip*** *file to import or a* ***JSON file*** *to import.*

Example Request

curl -H "Content-Type: multipart/form-data" -u admin:admin -F "file=@cucumber_results.zip" http://yourserver/rest/raven/1.0/import/execution/bundle

Responses

200 OK : **application/json** : Successful. The results where successfully imported to Jira.

Example Output

```
{
    "testExecIssue": {
           "id": "10000",
           "key": "DEMO-123",
           "self": "http://www.example.com/jira/rest/api/2/issue/10000"
     }
}
```

400 BAD_REQUEST : **application/json :** No execution results where provided**.**

401 UNAUTHORIZED : **application/json** : The Xray license is not valid.

500 INTERNAL SERVER ERROR : **application/json** : An internal error occurred when importing execution results.