

# Metrics REST services

## Save or update metric

- **URL:** JIRA\_URL/rest/snapmetrics-api/latest/metrics
- **Method:** POST
- **Body:**

```
{
  "id": 1, //only when updating the metric.
  "key": "Unique name of the metric",
  "type": "IssueCount",
  "jql": "type your jql here"
}
```

id attribute should not be placed in json if you want to create a new metric.  
Save new **UserInput** metric with value

```
{
  "key": "Employee of the week",
  "type": "UserInput",
  "value": "Tyler Durden"
}
```

Update UserInput metric

```
{
  "id": 1, // id of the metric
  "value": "Marla Singer"
}
```

Update IssuesCount metric with manual value

```
{
  "id": 1, //id of the metric.
  "manualValue": true,
  "value": "Tyler Durden"
}
```

- **Possible results:**

```
status: 200
{
  "success": true,
  "message": "Metric was successfully saved"
}
```

```
status: 400
{
  "success": false,
  "message": "key should not be empty"
}
```

```
status: 400
{
  "success": false,
  "message": "type should be valid"
}
```

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```
status: 400
{
  "success": false,
  "message": "JQL should not be empty if type is IssueCount"
}
```

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## List all metrics

- **URL:** JIRA\_URL/rest/snapmetrics-api/latest/metrics
- **Method:** GET
- **Result:**

```
[
  {
    "id": 29,
    "key": "Issues closed by Team A",
    "type": "IssueCount",
    "jql": "\"First Closed User\" in membersOf(\"Team A\")",
    "lastrun": 1522967400014,
    "value": "0"
  },
  {
    "id": 30,
    "key": "Issues closed by Team B",
    "type": "IssueCount",
    "jql": "\"First Closed User\" in membersOf(\"Team B\")",
    "lastrun": 1522967400039,
    "value": "0"
  },
  {
    "id": 27,
    "key": "Issues created last two weeks",
    "type": "IssueCount",
    "jql": "created >= startOfDay(-15)",
    "lastrun": 1522967400043,
    "value": "53"
  },
  {
    "id": 28,
    "key": "Issues resolved last two weeks",
    "type": "IssueCount",
    "jql": "resolved >= startOfDay(-15)",
    "lastrun": 1522967400051,
    "value": "18"
  }
]
```

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## Show a metric

- **URL:** JIRA\_URL/rest/snapmetrics-api/latest/metrics/{id}
- **Method:** GET
- **Result:**

```
{
  "id": 27,
  "key": "Issues created last two weeks",
  "type": "IssueCount",
  "jql": "created >= startOfDay(-15)",
  "lastrun": 1522967580015,
  "value": "53"
}
```

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## Delete a metric

- **URL:** JIRA\_URL/rest/snapmetrics-api/latest/metrics/{id}
- **Method:** DELETE
- **Possible results:**

status: 200

```
status: 400
{
  "success": false,
  "message": "Metric with id[123] could not be found!"
}
```

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## Execute metric

This REST service immediately executes the metric and stores the result.

- **URL:** JIRA\_URL/rest/snapmetrics-api/latest/metrics/{id}/execute
- **Method:** GET
- **Possible results:**

status: 200

```
status: 400
{
  "success": false,
  "message": "Metric with id[123] could not be found!"
}
```