

# SLA Metric Attribute in easyBI

You can present SLA Metric data in easyBI reports using SLA Metric Attribute custom field. This custom field type was created specifically to help users present selected values from the SLA Metric field. To use it in easyBI reports you just have to provide a field description in easyBI Advanced Settings. The steps below will show you how to achieve it.

Jira reports

Test

Number

	Number created	Number history	Issue CF Status	Issue Time exceeded	Issue Time Remaining	Issue Time spent
— All Issues	2,133.00	2,133.00				
— TEST	2,133.00	2,133.00				
TEST-1 This is your first task	582.00	582.00				
TEST-2 Workflows and statuses	45.00	45.00	Active	30,755	0	84,755
TEST-3 Editing tasks	74.00	74.00	On Hold	51,181	0	105,181
TEST-4 Searching for information	1,321.00	1,321.00	Exceeded	51,187	0	105,187
TEST-5 Keyboard shortcuts	1.00	1.00	On Hold	51,184	0	105,184
TEST-7 dafsdghfjg	55.00	55.00	On Hold	0	48,316	5,684
TEST-8 asfdghfjgkhl;j	55.00	55.00	Active	0	48,309	5,691

Create SLA Metric Attribute custom fields for every SLA Metric value you want to present in your report.

Select a field type

All  
Standard  
Advanced

No field preview

Project Picker (single project)  
Choose from projects that the user can view in the system.

SLA Date

SLA Metric

SLA Metric Attribute

Text Field (read only)  
A read-only text label. Only possible to create values programmatically (Used internally for imports from Mantis). Maximum of 255 characters.

Find more custom fields

Next

Cancel

Configure them to fit your needs, choosing a metric field it is based on and the type of value you want to get.

Configure Custom Field: Time spent

Below are the Custom Field Configuration schemes for this custom field. Schemes are applicable for various issues type: in a global context. Moreover, project level schemes will over-ride global ones.

- Add new context
- View Custom Fields

Default Configuration Scheme for Time spent

Default configuration scheme generated by Jira

Applicable contexts for scheme: [Edit Configuration](#)  
Issue type(s):  
Global (all issues)  
Metric attribute: Attribute type: **Time spent**  
Metric field: **Metric**  
[Edit Metric attribute](#)

Edit settings for Time spent

**i** It is recommended to [perform a background re-index](#) after changing this settings.

Metric field:

Metric

SLA Metric custom field. This field is set only for this configuration context.

Attribute type:

Time spent

Type of field to display from SLA Metric. This field is set for custom field globally.

**i** This type will be displayed in readable time format (eg. 4h 52m 12s) in issue navigator and issue view.

Submit

In order to be able to see your custom fields in import and report options, you have to add it in advanced settings first.



## eazyBI settings

General License Additional **Advanced settings**

Advanced settings

Please see the advanced settings help page.

```
1 [jira.customfield_10401]
2 data_type = "string"
3 javascript_code = ''
4 if (issue.fields.customfield_10401) {
5   switch(issue.fields.customfield_10401){
6     case 0:
7       issue.fields.customfield_10401 = 'Not Started';
8       break;
9
10    case 1:
11      issue.fields.customfield_10401 = 'Active';
12      break;
13
14    case 2:
15      issue.fields.customfield_10401 = 'On Hold';
16      break;
17
18    case 3:
19      issue.fields.customfield_10401 = 'Finished';
20      break;
21
22    case 4:
23      issue.fields.customfield_10401 = 'Cancelled';
24      break;
25
26    case 5:
27      issue.fields.customfield_10401 = 'Exceeded';
28      break;
29
30    default:
31      issue.fields.customfield_10401 = 'ERROR';
32      break;
33  }
```

Update advanced settings

Here you can specify custom fields you want to be seen by easyBI. In order to do that the only thing you have to add here is 2 lines of code:

```
[jira.customfield_NNNNN]
data_type = "integer"
```

Where NNNNN is the id number of your custom field.

This will render our field as a numeric value as specified in the info tooltip for SLA Metric Attribute configuration screen. Just like with values you get from REST API. This means that the status field will be shown as status code and time values as a number of seconds. If you would like to change those values to more human-readable format, look below.

After we define custom fields we want to use in the previous section, we can now see those fields as possible options in "Custom Field" tab for "Jira import options". Check all custom fields you want to work on with eazyBI. After checking them and importing data, you should see new options while choosing Measures for your report as in the section below.

## Jira import options

General Custom fields Additional options

Custom fields				
After projects selection, you can select available custom fields which you would like to import. Read more about custom fields import in the <a href="#">Jira custom fields documentation</a> .				
Custom field	Import as dimension	Import as measure	Import as property	Import value changes
<b>Agile hide</b>				
Ranking			<input type="checkbox"/>	
Sprint	<input type="checkbox"/>		<input type="checkbox"/>	
Łącze epiki	<input type="checkbox"/>		<input type="checkbox"/>	
<b>Other hide</b>				
CF Status			<input checked="" type="checkbox"/>	
Number		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Punkty historyjki		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Time exceeded			<input checked="" type="checkbox"/>	
Time Remaining			<input checked="" type="checkbox"/>	
Time spent			<input checked="" type="checkbox"/>	
User picker test	<input type="checkbox"/>		<input type="checkbox"/>	

**Import** or **Save** or **back**

After setting everything up correctly you should see new fields under Measures Issue properties. You should see your configured custom fields named as follow: Issue + custom field name + options. After choosing your desired custom fields you should see them in your report. For example like on the last screen for table report.

pty	Columns	> Measures							
	Table	Bar	Line	Pie	Scatter	Timeline	Map	Gantt	Gauge
						Total ▾			

Transition from status first date = show

Transition from status last date = show

Transitions to assignee = show

Transitions from assignee = show

Remaining estimated hours history = show

Custom fields hide

Number created

Number due

Number resolved

Number closed

Number with due date

Number change

Number history = show

Distinct issues count show 7 measures

Issue properties hide

Issue created date = show

Issue updated date = show

Issue status updated date = show

Issue resolution date = show

Issue due date = show

Issue closed date = show

Issue reporter = show

Issue assignee = show

Issue type = show

Issue priority = show

Issue status = show

Issue resolution = show

Issue security level = show

Issue parent key = show

Issue sub-task keys = show

Issue open sub-task keys = show

Issue affects versions = show

Issue fix versions = show

Issue components = show

Issue labels = show

Issue CF Status = show

Issue Number = show

Issue Time exceeded = show

Issue Time Remaining = show

Issue Time spent = show

Other properties show 7 measures

User defined

TableBarLinePieScatterTimelineMapGanttGauge

HomeSource DataAnalyzeDashboardsJira

Issues > Samples Jira Issues > Number

Show available dimensions

Pages

Drag here if needed

Rows

Nonempty

> Issue

Columns

Measures

TableBarLinePieScatterTimelineMapGanttGauge

Table

Number created

Number history

Issue CF Status

Issue Time exceeded

Issue Time Remaining

Issue Time spent

— All Issues

2,133.00

2,133.00

— TEST

2,133.00

2,133.00

TEST-1 This is your first task

582.00

582.00

TEST-2 Workflows and statuses

45.00

45.00

Active

30,755

0

84,755

TEST-3 Editing tasks

74.00

74.00

On Hold

51,181

0

105,181

TEST-4 Searching for information

1,321.00

1,321.00

Exceeded

51,187

0

105,187

TEST-5 Keyboard shortcuts

1.00

1.00

On Hold

51,184

0

105,184

TEST-7 dafsdghjg

55.00

55.00

On Hold

0

48,316

5,684

TEST-8 asdfghjklhj

55.00

55.00

Active

0

48,309

5,691

Status field

This code will turn status codes into status names.

```

[jira.customfield_NNNNN]
data_type = "string"
javascript_code = '''
if (issue.fields.customfield_NNNNN) {
  switch(issue.fields.customfield_NNNNN){
    case 0:
      issue.fields.customfield_NNNNN = 'Not Started';
      break;

    case 1:
      issue.fields.customfield_NNNNN = 'Active';
      break;

    case 2:
      issue.fields.customfield_NNNNN = 'On Hold';
      break;

    case 3:
      issue.fields.customfield_NNNNN = 'Finished';
      break;

    case 4:
      issue.fields.customfield_NNNNN = 'Cancelled';
      break;

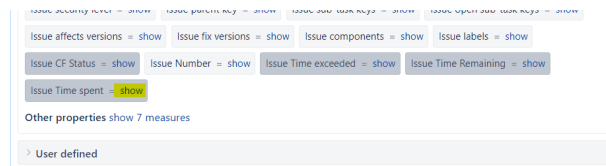
    case 5:
      issue.fields.customfield_NNNNN = 'Exceeded';
      break;

    default:
      issue.fields.customfield_NNNNN = 'ERROR';
      break;
  }
}
'''

```

## Time fields

To transform seconds into some other useful format you have to click on “show” link while choosing your report Measures. In the pop up window you will be able to choose formatting. The results of setting this field to Seconds are shown on the last screen.



## Calculated member formula



[Measures].[Issue Time spent] =

```
1 [Issue].CurrentHierarchyMember.get('Time spent')
```

Formatting **#,### Integer**

Update formatting Delete cancel

## Calculated member formula



[Measures].[Issue Time spent] =

```
1 [Issue].CurrentHierarchyMember.get('Time spent')
```

Formatting **##h ##m ##s Seconds**

Update formatting Delete cancel

	Number created	Number history	Issue CF Status	Issue Time exceeded	Issue Time Remaining	Issue Time spent
~ All Issues	2,133.00	2,133.00				
~ TEST	2,133.00	2,133.00				
TEST-1 This is your first task	582.00	582.00				
TEST-2 Workflows and statuses	45.00	45.00	Active	8h 32m 35s	0s	23h 32m 35s
TEST-3 Editing tasks	74.00	74.00	On Hold	14h 13m 01s	0s	29h 13m 01s
TEST-4 Searching for information	1,321.00	1,321.00	Exceeded	14h 13m 07s	0s	29h 13m 07s
TEST-5 Keyboard shortcuts	1.00	1.00	On Hold	14h 13m 04s	0s	29h 13m 04s
TEST-7 dafsdghjg	55.00	55.00	On Hold	0s	13h 25m 16s	1h 34m 44s
TEST-8 asdfghjgklhj	55.00	55.00	Active	0s	13h 25m 09s	1h 34m 51s

