



**COMMUNITY
DAYS 2023**

**I Want My Custom Fields,
and I Want Them Now!**

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COMMUNITY DAYS 2023

- **Jira Custom fields & easyBI**
- **Custom field import options**
- **New calculated fields**

Jira custom fields

Jira custom fields

eaZyBI Home Source Data Analyze Dashboards Jira TD

Issues > Save Save as

Dimensions hide

> Project	> Reporter	> Assignee	> Issue Type	> Priority
> Status	> Resolution	> Affects Version	> Fix Version	> Security Level
> Issue	> Logged by	> Label	> Time	> Week Day
> Transition Status	> Transition	> Transition Author	> Age interval	> Resolution interval

Advanced Roadmaps show 7 dimensions

Custom fields hide

> Approvers	> Color	> Creator	> Epic direction	> Fruits
> Impact	> Investigation reason	> Pending reason	> Products	> Risk
> Risk CSV	> Score	> Source	> T-shirt size	> Urgency

Issue links show 1 dimension Software show 3 dimensions User groups show 4 dimensions

Pages
Drag here if needed

Rows
Drag dimensions here

Columns

Measures

Filter measures by name

Predefined

Issues created	Issues due	Issues resolved	Issues closed	Issues with due date	Issues last updated
----------------	------------	-----------------	---------------	----------------------	---------------------

Jira custom fields

The image shows a screenshot of the Jira interface. At the top, there is a dark blue button with a gear icon and the text "Configure Fields". Below this, a dropdown menu is open, showing "Show Custom Fields" with a downward arrow. To the right of the dropdown, a red rectangular box contains the text "Where is my field?". The background shows a list of items with names like "David Sand" and "Duncan Snow", and various action links like "Sign to me", "Vote for this iss", and "Start watching t".

Configure Fields

Where is my field?

Show

Custom Fields ▾

Field Tab

- Account
- Affects Version/s
- Assignee
- Attachment
- Comment
- Component/s
- Linked Issues
- Parent Link
- Priority
- Reporter
- Risk
- Score

David Sand ⓘ

Sign to me

Duncan Snow ⓘ

Vote for this iss

Start watching t

Apr/23

Aug/22 2:23 PM

easyBI advanced settings

eazyBI advanced settings

Advanced settings

Please see the [advanced settings documentation page](#).

```
9 ## custom fields #####
10
11 # T-shirt size - change history
12 [jira.customfield_11100]
13 data_type = "string"
14 dimension = true
15 separate_table = true
16 changes = true
17
18 # Creator - scripted field
19 [jira.customfield_16600]
20 data_type = "string"
21 dimension = true
22
23 ## issue links #####
24
25 [jira.customfield_bugs]
26 name = "Bugs"
27 outward_link = "causes"
28 issue_type = "Bug"
29
```

eazyBI advanced settings

Jira import options

General Add-ons 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 [Jira custom fields documentation](#).

Custom field	Import as dimension	Import as measure	Import as property	Import value changes	Advanced settings
Issue links hide					
Bugs	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Other hide					
Approvers	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		

eazyBI advanced settings

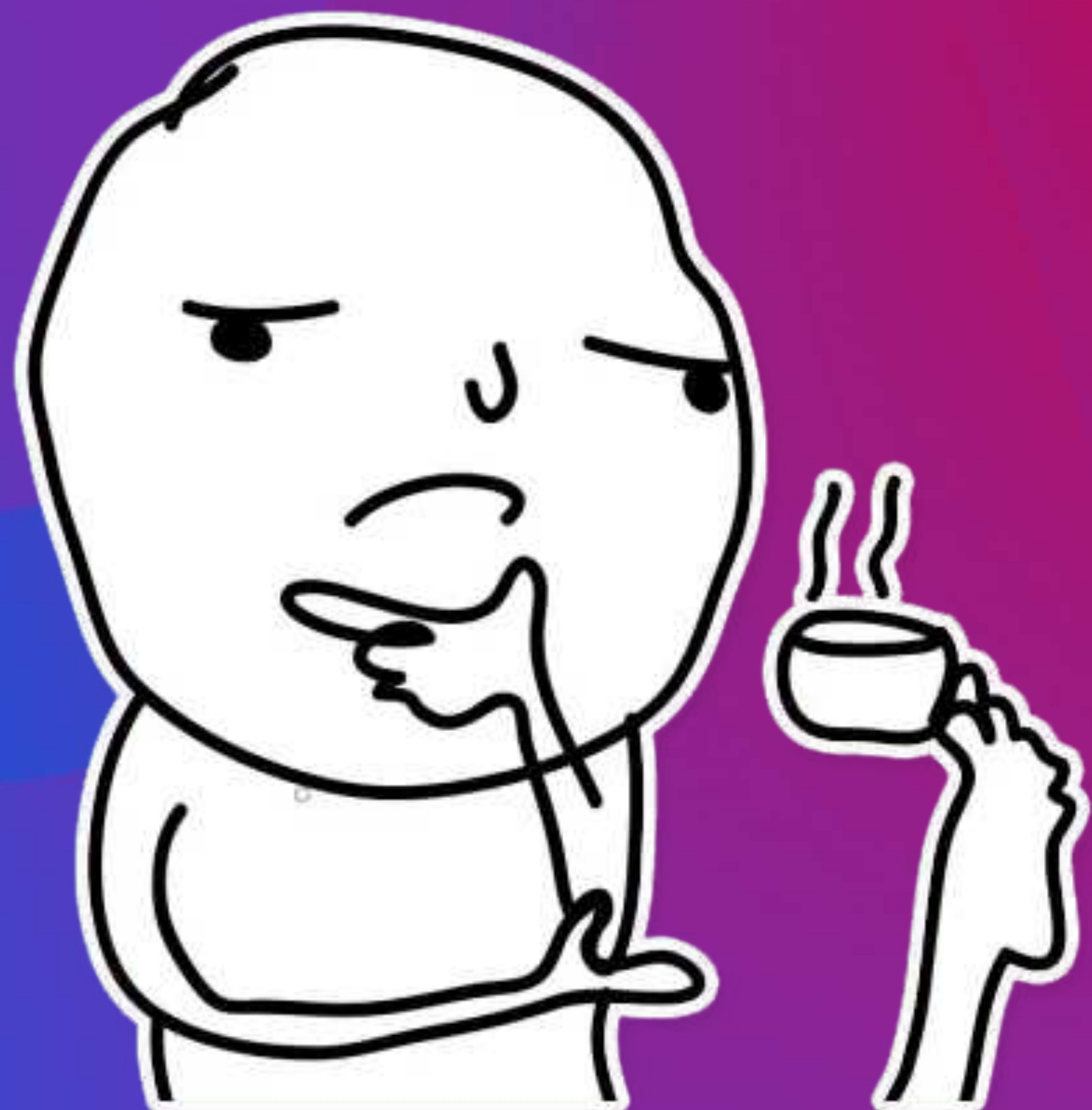
[Home](#)[Source Data](#)[Analyze](#)[Dashboards](#)[System Admin](#)[Jira](#)[Jira reports](#) ▼

All Accounts

or

Search accounts by name, description, owner, source data type, "template" for template accounts, or "error" for source data in the error status.

Name	Owner	Created	Last import	Regular import frequency	Source Data	Data size	Reports
(usage statistics) INTERNAL	Adam Mint (admin)	4 days ago				Size: 328 KB	8 reports 1 dashboard
Customer reports	Adam Mint (admin)	4 days ago	about 4 hours ago	Default (every day)		Size: 19 MB Issues: 773	37 reports
Definition imports	Anna Linda (alinda)	4 days ago	about 3 hours ago	Default (every day)		Size: 33.3 MB Issues: 773	45 reports
Demo account	David Sand (dsand)	2 days ago	less than a minute	No regular import		Size: 24.6 MB Issues: 2001	20 reports



Custom field import options

Custom field	Import as dimension	Import as measure	Import as property	Import value changes	Advanced settings
js User last updated		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Pending reason	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Products	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Program End		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Program Start		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Root cause			<input checked="" type="checkbox"/>		
Score	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Source	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
T-shirt size	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Edit
Urgency	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Workaround			<input checked="" type="checkbox"/>		

Advanced settings: customfield_11100



Setting	Default value	User defined value
Display name	T-shirt size	<input type="text"/>
Data type	string	<input type="text" value="string"/>
Limit		<input type="text"/>

Administrator defined advanced settings

```
data_type = "string"  
dimension = true  
separate_table = true  
changes = true
```

Additional advanced settings

Administrator defined advanced settings

```
data_type = "string"  
dimension = true  
separate_table = true  
changes = true
```

Additional advanced settings

```
1 changes = false
```

Add custom JavaScript code

Read more about custom field advanced settings in the [documentation](#).

Save

cancel

Software Custom fields

[Read more about Software custom fields](#)

Custom field	Import as dimension	Import as measure	Import as property	Import value changes	Advanced settings
Epic Link	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Flagged	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Rank			<input checked="" type="checkbox"/>		
Sprint	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Story Points		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit

Numeric field as a dimension
Story Points

Service Management Custom fields

[Read more about Service Management custom fields](#)

Custom field	Import as dimension	Import as measure	Import as property	Import value changes	Advanced settings
Channel	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		



dimension

easyBI

**Story
Points**

Software Custom fields

[Read more about Software custom fields](#)

Custom field	Import as dimension	Import as measure	Import as property	Import value changes	Advanced settings
Epic Link	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Flagged	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Rank			<input checked="" type="checkbox"/>		
Sprint	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Story Points		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit

Service Management Custom fields

[Read more about Service Management custom fields](#)

Custom field	Import as dimension	Import as measure	Import as property	Import value changes	Advanced settings
Channel	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		

Advanced settings: customfield_10400

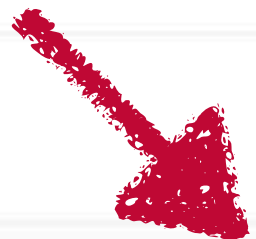


Setting	Default value	User defined value
Display name	Story Points	<input type="text"/>
Data type	decimal	<input type="text" value="decimal"/>
Precision	15	<input type="text"/>
Scale	2	<input type="text"/>
Dimension		<input checked="" type="checkbox"/>
Multiple values		<input type="checkbox"/>

Software Custom fields

[Read more about Software custom fields](#)

Custom field	Import as dimension	Import as measure	Import as property	Import value changes	Advanced settings
Epic Link	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Flagged	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Rank			<input checked="" type="checkbox"/>		
Sprint	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Story Points	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	



Service Management Custom fields

[Read more about Service Management custom fields](#)

Custom field	Import as dimension	Import as measure	Import as property	Import value changes	Advanced settings
Channel	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		

Numeric field as a dimension

Pages Nonempty

Columns > Measures

Table Bar Line Pie Scatter Timeline Map Gantt Gauge

Hide empty rows Total

Active

	Sprint issues committed	Sprint issues added	Sprint issues removed
(none)	19	1	
2.00	4		
3.00	2		
4.00	2		
9.00	3		
10.00	2		1

Rows Nonempty

Story Points

Select individual members

All hierarchy level members

Select all members at level

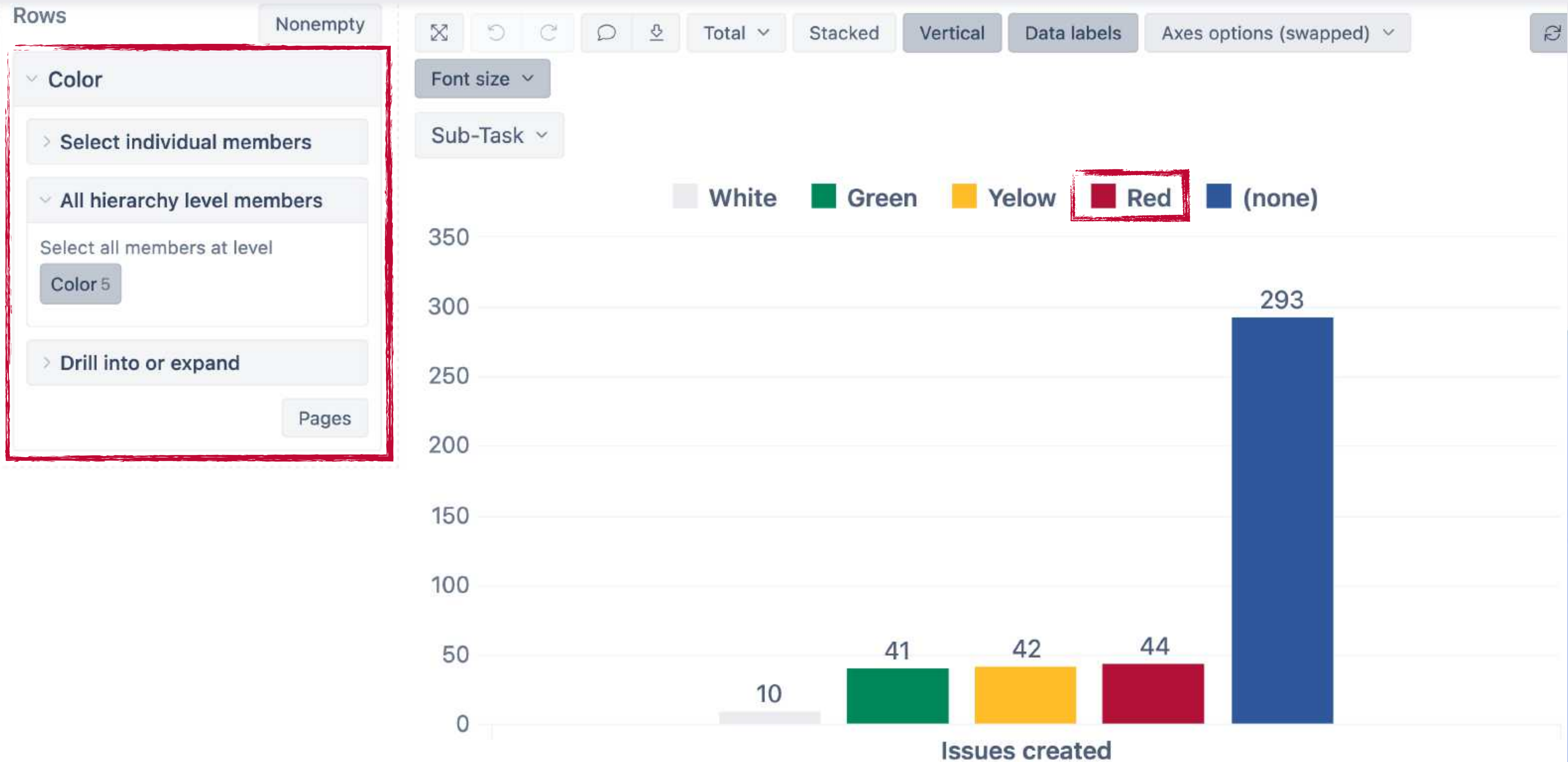
Story Points 13

Drill into or expand

The background of the image consists of several vertical wooden planks. The wood has a natural grain pattern and is covered in a reddish-brown stain or paint. The planks are separated by dark gaps. The overall texture is rough and aged.

Change a field value
Color

Color



Advanced settings: customfield_11303



Setting	Default value	User defined value
Display name	Color	<input type="text"/>
Data type	string	<input type="text" value="string"/>
Limit		<input type="text"/>

[Add additional advanced settings](#)

Custom JavaScript code

```
1 if (  
2   issue.fields.customfield_11303 &&  
3   issue.fields.customfield_11303.value == "Red"  
4 ) {  
5   return "Bordeaux";  
6 } else {  
7   return issue.fields.customfield_11303;  
8 }
```


Use JavaScript code to modify the custom field value

Color

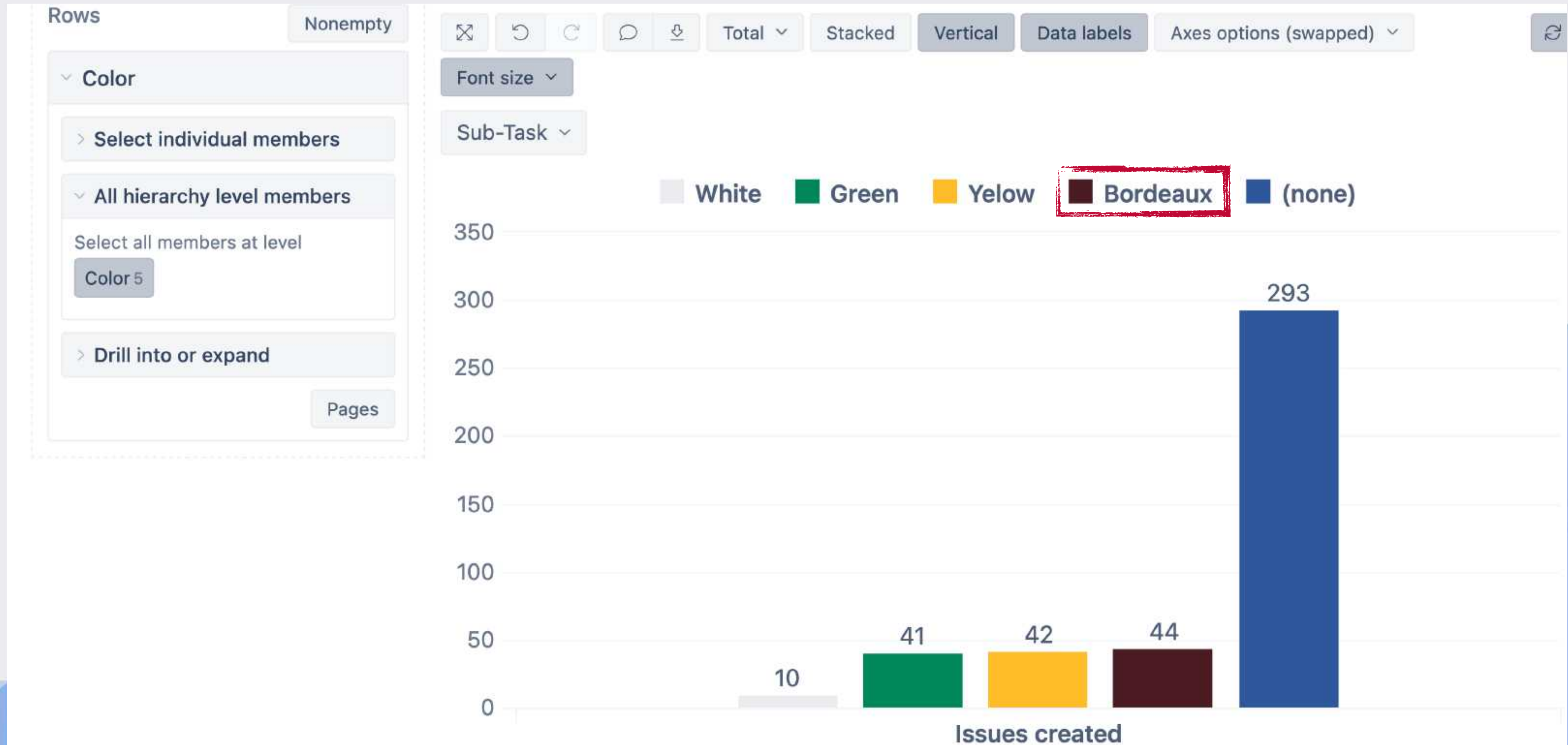
```
1 if (
2   issue.fields.customfield_11303 &&
3   issue.fields.customfield_11303.value == "Red"
4 ) {
5   return "Bordeaux"; 
6 } else {
7   return issue.fields.customfield_11303; 
8 }
```


Color - simpler JavaScript code

```
1  if (value && value.value == "Red")
2  {
3      return "Bordeaux";
4  } else {
5      return value;
6  }
7
8
```

Two red arrows pointing left towards the code lines. One arrow points to the return statement on line 3, and the other points to the return statement on line 5.

Color





New calculated fields

New calculated field

Jira import options

General Add-ons 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 [Jira custom fields documentation](#).

Custom field	Import as dimension	Import as measure	Import as property	Import value changes	Advanced settings
Issue links hide					
Bugs	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Other hide					
Approvers	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		

New calculated field

Jira import options

General Add-ons 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 [Jira custom fields documentation](#).

Custom field	Import as dimension	Import as measure	Import as property	Import value changes	Advanced settings
Issue links show					
Other show					

Add new calculated field

Advanced settings: New calculated field



Setting

User defined value

Internal name

Display name

Data type

Add additional advanced settings

Custom JavaScript code

```
1 return
```

Use JavaScript code to modify the custom field value.

Test custom JavaScript code with the issue

Show

Read more about custom field advanced settings in the [documentation](#).

Save

cancel



Components

Advanced settings: New calculated field



Setting

User defined value

Internal name

comp

Display name

eazyBI component

Data type



- string
- text
- integer
- decimal
- date
- datetime

[Add additional advanced settings](#)

Custom JavaScript code

1

Data type

string



Limit

Dimension



Multiple values



Split by

[Add additional advanced settings](#)

Custom JavaScript code

```
1 return issue.fields.components;
```

Custom JavaScript code

```
1 return issue.fields.components;
```

Use JavaScript code to modify the custom field value.

Test custom JavaScript code with the issue
Javascript code calculated custom field value:


```
⌵ [
  ⌵ {
    "id": 10307,
    "name": "Development",
    "description": null
  }
]
```

```
⌵ {
```

```

{
  "id": 26423,
  "key": "DA-1",
  "fields": {
    "summary": "Delacroix's malices costliness resurface maharajah
    brusqueness apportionment vividness colanders integrating",
    > "project": { ... }, // 4 items
    "components": [
      {
        "id": 10307,
        "name": "Development",
        "description": null
      }
    ],
    > "issuetype": { ... }, // 3 items
    > "fixVersions": [ ... ], // 1 item
    "versions": [],

```



Save

cancel

Multiple values



Split by

Add additional advanced settings

Custom JavaScript code

```
1 return issue.fields.components;
```

Use JavaScript code to modify the custom field value.

Test custom JavaScript code with the issue

Show

Read more about custom field advanced settings in the [documentation](#).

Save

cancel

New calculated field

[Issue links show](#)

[Other show](#)

Calculated Custom fields

[Read more about Calculated custom fields](#)

Custom field	Import as dimension	Import as measure	Import as property	Import value changes	Advanced settings
eazyBI component	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		Edit

[Add new calculated field](#)

Import

or

Save

or

back

Click **Import** to save changes and start the import right now. Click **Save** to change the options for the next regular import.

New calculated field

The image shows a BI tool interface with two panels. The left panel shows a hierarchy for 'Project' with filters for 'Project 6' and 'Component 32'. The right panel shows a hierarchy for 'eazyBI component' with a filter for 'eazyBI component 17'. A red arrow points from the left panel to the right panel. Below the panels is a table showing 'Issues created' counts for various categories.

Category	Issues created
+ DEMO Alpha	608
- DEMO Beta	605
(no component)	286
Development	82
DOWN	100
LEFT	99
RIGHT	92
+ DEMO Gamma	599
+ ITSM Project	119
+ Program overview	21
+ Thermal deviation	43

Category	Issues created
(none)	990
Active Directory	2
Cloud	8
DEV	1
Development	219
DOWN	234
Integration	6
Intranet	21
LEFT	257
MNP	2
Office Network	28
On-premise	4

**New
functionality**

or

**eazyBI
advanced
settings**



Go for it



Field required in few accounts



Different accounts, different configuration



Testing

How to make the move?

Custom field import options

```
1 # Risk as multi-value dimension
2 [jira.customfield_16700]
3 data_type = "string"
4 dimension = true
5 multiple_values = true
6 split_by = ","
7 csv_dimension = true
8
9
10
11
12
13
14
15
16
```

Advanced settings: customfield_16700

Setting	Default value	User defined value
Display name	Risk	<input type="text"/>
Data type	string	<input type="text"/>
Limit		<input type="text"/>
Dimension		<input checked="" type="checkbox"/>
Multiple values	✓	<input checked="" type="checkbox"/>
Split by	,	<input type="text" value=","/>

Additional advanced settings

```
1 csv_dimension = true
```


How to make the move?

New calculated field

```
1 [jira.customfield_updated_age_ts]
2 name = "Age since updated interval"
3 data_type = "integer"
4 dimension = true
5 javascript_code = '''
6 if (!issue.fields.resolutiondate) {
7     issue.fields.customfield_updated_age_ts = Math.floor(
8         Date.parse(issue.fields.updated) / 1000
9     );
10 }
11 '''
12 time_unit = "seconds"
13 time_interval = "age"
14 intervals = "/10"
15 interval_unit = "days"
16
```

How to make the move?

New calculated field

Advanced settings: New calculated field 

Setting	User defined value
Internal name	<input type="text" value="updatedinterval"/>
Display name	<input type="text" value="Age since updated interval 2"/>
Data type	<input type="text" value="integer"/>
BigInt	<input type="checkbox"/>
Dimension	<input checked="" type="checkbox"/>
Measure	<input type="checkbox"/>

How to make the move?

New calculated field

Dimension



Measure



Multiple values



Additional advanced settings

```
1 time_unit = "seconds"  
2 time_interval = "age"  
3 intervals = "/10"  
4 interval_unit = "days"
```

Custom JavaScript code

```
1 if (!issue.fields.resolutiondate) {  
2   return Math.floor(Date.parse(issue.fields.updated) / 1000);  
3 }
```

```
// eazyBI advanced settings
```

```
1 if (!issue.fields.resolutiondate) {  
2   issue.fields.customfield_updated_age_ts =  
3   Math.floor(  
4     Date.parse(issue.fields.updated) / 1000  
5   );  
6 }
```

```
// new calculated field
```

```
1 if (!issue.fields.resolutiondate) {  
2   return Math.floor(  
3     Date.parse(issue.fields.updated) / 1000);  
4 }
```



**I have no fear of change as such and,
on the other hand, no liking for it
merely for its own sake**

Robert Moses

Questions?

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Thank you!

eazybi.com



Platinum
Marketplace Partner



150+



CLOUD FORTIFIED