

Q&A Summary from eazyBI Remote Community Day Apr 3, 2020

When are we getting the eazyBI 6.0 for Server and Data Center?

We are planning to finalize Server and DC versions this month.

Will upgrading eazyBI to the new version change colors in the existing reports?

Yes. We tried to closely match new colors to the existing ones. The default colors will be changed automatically. If you had custom colors, those will remain unchanged.

Can you add a custom color to the color palette for permanent use?

Initially, it will not yet be possible to create your own custom color palette, but we have been discussing this as a potential feature for the future.

How does eazyBI determine the issue type? I created a ticket as Story, but later converted it to a Task, later the eazyBI report shows that ticket as a Story, double-check Jira, it's a Task.

Issue type dimension values are retrieved from imported issues. If you changed the issue type for a particular issue, during the next import, this new type should be imported. If you changed issue type names in Jira administration part, we suggest doing a full data reimport: <https://docs.eazybi.com/display/EAZYBIJIRA/Jira+Issues+Import#JiraIssuesImport-Emptycubeandre-importallissues>

Regarding the timeline - how the time is determined? Due date since creation?

Due date is imported from Jira field "Due date". If you use the Time dimension together with "Issues due", issues would be grouped by this date on the timeline. Issues without due date won't be represented on the timeline (as there is no corresponding date). You may also want to watch a video about Time in reports: [https://docs.eazybi.com/eazybijira/learn-more/training-videos#Trainingvideos-4.It%E2%80%99sAboutTime\(30min\)](https://docs.eazybi.com/eazybijira/learn-more/training-videos#Trainingvideos-4.It%E2%80%99sAboutTime(30min))

My customers asking to build a report of who commented bug/ story.

Currently, information about comments is not imported into eazyBI. You may want to think about some scripted field in Jira that retrieves some of the information from the Comments tab and import it as a custom field. Though you may need to know how would

you want to use this information in eazyBI report, depending on that, the content of such a custom field would be adjusted.

I want to build a report base on Components but can't find it in Dimensions list. Is it possible? How can it be added to Dimensions?

The component is a level in the Project dimension - you can expand specific projects into corresponding components.

What is the dimension hierarchy?

Hierarchy is a parent-children relationship between dimension members. Time dimension is the best example, as it has a clear hierarchy: Year -> Quarter -> Month -> Day. In the new training videos, we will cover this question, too!

Can we have a filter per dashboard? The selected value will filter the values of all reports on the dashboard?

There is an option "common page filter" that allows applying page filter to the whole dashboard.

What is the difference between Open issues and Issues due? The total report shows the same number for those statuses, but by month the numbers are different.

Both measures, Open issues and Due issues, represent unresolved issues. The difference is how those measures are related to Time dimension:

- Issues due - count of issues with Due date in the period.
- Open issues - represent the number of unresolved issues at the end of the period.

Hours are just from Jira, not by Tempo right?

Tempo hours are imported into eazyBI as well. The same measure of Hours spent shows the hours when those are logged with Tempo app. See here for more: <https://docs.eazybi.com/eazybijira/data-import/data-from-jira-and-apps/tempo-timesheets>

Is Tempo data automatically available in EazyBI?

If you have Tempo Timesheets, then eazyBI will automatically offer you Tempo fields for data import. Of course, you should mark them for data import in eazyBI import options:

How can I calculate the total of the hour spent logged during the sprint? Ignoring hours logged in the issue in other sprints, it is possible?

Yes, it is possible. It is the standard behavior of the Hours spent measure when you use this measure with the Sprint dimension. It will show hours for issues only for the period while the issue was in the active sprint. You may find useful this documentation section that describes how standard metrics behave with Sprints: <https://docs.eazybi.com/display/EAZYBIJIRA/Jira+Software+custom+fields#JiraSoftwarecustomfields-OthermeasuresusedwithSprint>

Can we get a number of backlog issues from a particular board?

Some project or some Jira filter defines the board. To get all issues in the backlog from the specific board, you might want to recreate those filter criteria in an eazyBI report. Choose measure Issues due and Sprint dimension member (no sprint) to get backlog issues that are not planned for any sprint.

Is there a way to edit the definition of a dashboard or report directly without creating a new dashboard or report?

Theoretically, you can change the definition via some text editor. I would rather suggest importing this definition into your test account, change it via a user interface, save and export the definition again.

I have users that want to choose a faster velocity and see what the prediction completion would be.

The recommended solution for modeling different predictions is to parameterize the burndown measures allowing to adjust the velocity.

When you use a linear trend while also using the "hide empty" function, the linear trend or average line is showing for all your empty fields which is not ideal. How do I deal with this issue?

The safest solution is to use the custom measures for time filtering, like Time in version > 0.

Is it possible to filter Component on the report? Sometimes I need to build a report on certain Components.

The component is a part of the Project dimension - you can use the project dimension on pages and filter by a particular component. If you have components with the same names across multiple projects, you may also import Component as a separate dimension.

Do you have a link to the DevOps Metrics dashboard example (how to build it?) and do you have it for GitHub?

For now, there is no public DevOps example available, but the dashboard would be created as a sample when you select to import the DevOps source data. Git commit log can be imported separately as well ([Git commit log - docs.eazybi.com/display/EAZYBI/Git+commit+log](https://docs.eazybi.com/display/EAZYBI/Git+commit+log)), but there is no integration with Jira Issues for Git data for now. We are investigating options to add other DevOps tools for getting the data linked to issues. One of the first ones hopefully coming during next year is data from Jenkins.

Random product feedback: I spent 8 hours creating a few reports in a folder yesterday and DELETED the folder by mistake at the end of the day I would love to have an undo or a trashcan that I could undelete deleted reports or folders.

You may recover deleted reports and reports from eazyBI System administration- > Events. <https://docs.eazybi.com/eazybijira/set-up-and-administer/set-up-and-administer-for-jira-server/system-administration-tasks>

Are there any plans to have close-to-dynamic results from Jira? In other words, not having to wait for an import into eazyBI and avoid that lag. Our users expect to see things real-time like they do in Jira.

On the Server, it is possible to schedule import as frequently as every 10 minutes. But that could have an impact on Jira. (You can try in the more crucial accounts that need the live data, and always reverse the frequency.) At the same time, architectural changes are not something we would be planning for as eazyBI needs a different organization of data than Jira database has (it is good for what it does, but not optimal for the BI drill and Aggregate). Performance during imports and on large data sets is something we continuously think about and work on! Thank you for the feedback!

Can we have total sum for the donut chart in the middle of the graph?

Currently, we show the total only in the pie chart (at the top). We will investigate the option to show the total also for the donut chart.

Can we see which account is importing from all accounts screen?

In All accounts page, you can see when the last successful import happened and how frequently it is scheduled to import, but not that import is in progress. You can see ongoing imports in Background jobs page (it is another selection under system administration in the same selection where All accounts)

Report dashboard from a session: "How to do smart reports without using MDX".

<https://docs.eazybi.com/display/EAZYBI/Create+dashboards#Createdashboards-Exportandimportdashboarddefinitions>

How would you do the Javascript for this scenario: we have teams grouped into division. In Jira we only have the team custom field. I would like to have a Division measure that grouped teams together. Do you think doing that in Javascript would work? BTW, the grouping can change over time so how do we track that?

In Javascript you would like to define a reference for each team to division. You can consider using an array with a team and represented division, and then find the team entry in this array and retrieve the representative division member:
It could be something along these lines (!!!! not tested !!!!)

```
#group by matches example
[jira.customfield_typegroup]
name = "group"
data_type = "string"
dimension = true
javascript_code = ""
if (issue.fields.customfield_NNNNN && issue.fields.customfield_NNNNN.value) {
team = issue.fields.customfield_NNNNN.value;
type = [
  {matchval: "val1", value: "Group 1"},
  {matchval: "val2", value: "Group 1"},
  {matchval: "val3", value: "Group 2"},
  {matchval: "val4", value: "Group 2"},
  {matchval: "val5", value: "Group 3"},
  {matchval: "val6", value: "Group 3"}
]
group = null;
for (i=0; i<type.length; i++){
  var re = new RegExp('^'+type[i].matchval);
  if (re.exec(team)){
    group = type[i].value;
    break;
  }
}if (group == null) group = team;
issue.fields.customfield_typegroup = group;
}
"
```

With javascript, you can add current values. You can mimic historical data. You can go through issue change history entries and check when the team changed. You can define a measure when an issue team changed and therefore division changed as well. However, it could have limited use.

How do you start with Javascript? How do you know the methods, the objects (related to Jira) and all that? With the JSON info?

Yes, you start with the JSON and with checking the javascript on one issue. Build it step by step checking each added calculation.

Here is our documentation page about JavaScript calculated fields: [JavaScript calculated custom fields](#)

You can take an example code that is closest to what you need and modify it.

Don't miss the option to validate the Javascript code via import options before you use it for import

<https://docs.eazybi.com/eazybijira/data-import/custom-fields/javascript-calculated-custom-fields#JavaScriptcalculatedcustomfields-ValidatetheJavascriptcodebeforeusingitinthecustomfielddefinition>

Can you please share the Aggregate MDX logic converted to JavaScript again.

```
#presentation example 1
[jira.customfield_valid]
name = "Valid"
data_type = "string"
dimension = true
javascript_code = ""
issue.fields.customfield_valid = (issue.fields.status.name == "Closed") ? "No" : "Yes"
"#presentation example 2
[jira.customfield_dev_sup]
name = "Dev vs Sup"
data_type = "string"
dimension = true
javascript_code = ""
var isDev = false;
if (issue.fields.labels.indexOf("Development") > -1 ) {
  isDev = true
}
else {
  for (var i=0; i < issue.fields.components.length; i++) {
    if (issue.fields.components[i].name == "Development") {
      isDev = true;
      break;
    }
  }
}
issue.fields.customfield_dev_sup = (isDev == true) ? "Development" : "Support"
"#presentation example 3
[jira.customfield_wasindevwithduedate]
name = "JavaScript"
data_type = "integer"
measure = true
multiple_dimensions = ["Time","Assignee"]
javascript_code = ""
if (issue.fields.duedate) {
  var assigneeInDev = ['dsand','dsnow'];
  var assigneeWasInDev = null;
  var noAssigneeChange = true;
  var assigneeHistory = [];
  var assigneeSet = issue.fields.created;
```

```

if (issue.changelog && issue.changelog.histories && issue.changelog.histories.length > 0)
{
  var histories = issue.changelog.histories;
  for (var i = 0; i < histories.length; i++) {
    var history = histories[i];
    if (history.items && history.items.length > 0) {
      for (var n = 0; n < history.items.length; n++) {
        var item = history.items[n];
        if (item.field == 'assignee' ){
          if(noAssigneeChange && assigneeInDev.indexOf(item.from) > -1 ) {
            assigneeHistory.push(assigneeSet.toString().substr(0,10) + "," + item.from + ",1" );
          }
          if (assigneeInDev.indexOf(item.to) >-1) {
            assigneeHistory.push(assigneeSet.toString().substr(0,10) + "," + item.to + ",1" );
          }
          noAssigneeChange = false;
        }
      }
    }
  }
}
if(noAssigneeChange ) {
  if (issue.fields.assignee && assigneeInDev.indexOf(issue.fields.assignee.name) > -1) {
    assigneeHistory.push(assigneeSet.toString().substr(0,10) + "," +
issue.fields.assignee.name + ",1" );
  }
}
issue.fields.customfield_wasindevwithduedate = assigneeHistory.join("\n");
}
'''

```