

How to sync epics in Jira on-premise

JIRA ON-PREMISE

In this article, we describe how to synchronize Epics, including Epic link.

 Requires Exalate for Jira Server/DataCenter version 4.5.1 or higher

With Exalate, you can sync epics and stories, while keeping the parent-child relationship on the remote side.

 To keep parent-child relation between issues, you need to synchronize Epics first, then synchronize stories.

Configuration

After you establish a connection between two Jira instances, you need to configure the [Sync Rules](#).

 The script works only when using scripting rules on Jira Cloud. It's not compatible with Exalate visual mode.
You can *only map Epic name custom field in visual mode*.

To sync epics in Jira Server:

1. Create files from the Exalate public repository.

 We store external scripts for Jira Server in a public repository. Copy the code from the repositories below and create `.groovy` files. You must keep the filenames as below.
Note that you will need to disable/enable the Exalate add-on such that the new file is added to the classpath.

- [Epic.groovy](#)
2. Upload the files to `$JIRA_HOME/scripts` directory.

 `$JIRA_HOME/scripts` directory is located on the server, where you have your Jira instance installed.
If you don't have a scripts directory you should create it. Check out [How to add an external script in Jira Server](#) for more information.

3. Configure Sync Rules with the scripts provided below:

 Add the code from the repository accordingly into the bottom of the Sync Rules.

Outgoing sync

Add the following code to send the Epic information together with the Epic Link.

 You need to synchronize Epic first, then synchronize stories to keep parent-child relation between issues.

```
// Ensure that the Epic is synced first, such that stories sent later can be associated to the right epic  
Epic.sendEpicFirst()
```

 This example shows the case where the order does not matter, still keeping the parent-child relation between Epic and Stories. The Epic Link will be also synchronized.

```
Epic.sendInAnyOrder()
```

Incoming sync

Add the following code to apply received Epic information, including the Epic Link

```
// Move this to the end of the incoming sync script  
Epic.receive()
```

Have more questions? [Ask the community](#)

See also

[How to sync epics in Jira Cloud](#)

Back to [Syncing agile boards in Jira on-premise](#)