How to Sync Sub Tasks Using External Scripts in Jira On-premise

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This article shows how to synchronize sub-task on Jira On-premise using External scripts library.

When syncing sub-task it's important to keep the parent-child relation. Exalate external script SubTask.groovy allows to sync sub-tasks even if the parent task is not synced yet.

> If you are sure that the parent issue is synced before sub-tasks we recommend to use a simpler configuration that works for both Jira Server and Jira Cloud.

Configuration

Let's consider you already have the Connection configured between two JIRA Instances.

Now you need to **configure sub-task synchronization:**

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 file names as below.

- SubTask.groovy

2. Upload the files to the **$JIRA_HOME/scripts** directory

3. Configure Sync Rules with the scripts provided below:

> **Add the snippets below to the end of the Sync Rules.**

Source side

Outgoing sync

```
SubTask.send()
```

Destination side

Add the code to a new line at the bottom of the incoming sync rules block.

Incoming sync

```
SubTask.receive()
```

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