

# 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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