Sub-task sync using external scripts in Jira Server

This article shows how to synchronize sub-task on Jira Server 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()
```

See also

- Simple tasks and subtasks synchronization on Jira Server and Jira Cloud