Installing Synchronizer

When you install a synchronizer on a structure, you make this structure automatically sync with something else. For example, after you have installed and enabled a Links Synchronizer, any changes someone makes to the structure will cause issue links to be created or deleted to match those changes. Or when you have installed and enabled Filter Synchronizer in *Add* mode, creating or changing an issue that causes it to pass the selected saved filter will cause this issue to be added to the structure.

When you install a synchronizer, you define its parameters. It's not possible to edit those parameters later, but you can remove the synchronizer and install a new one with different parameters.

Please note that after a synchronizer is installed, it's not working yet - it must be **Enabled** to start monitoring the changes.

To install a new synchronizer:

1. Open **Manage Structure** page using top navigation Structure menu.
2. Find the structure you'd like to sync. The **Sync With** column shows currently installed synchronizers. Click on the **Settings** link in that column.

   > (i) If you don't see **Settings** link in the **Sync With** column, then you possibly don't have **Control** permissions on this structure.

3. Synchronization settings page shows detailed information about each installed synchronizer and lets you work with them. To proceed with the installation of a new synchronizer, select the type of the synchronization and click **Configure and Install Synchronizer**.
4. Enter synchronization parameters. Each synchronizer has its own parameters, please refer to the specific synchronizer documentation.

   > (i) If you're not acquainted with how this synchronizer works, please make sure to read the *Rules* section at the top of the page. Especially text in red.

5. Press **Create** button and the synchronizer gets installed. However, it's not enabled yet.
   a. Before synchronization is enabled, you might want to run Resync to bring the current state of the structure and JIRA to the same page. In that case, press **Resync and Enable** button after the synchronization is installed, or later use the same link on the synchronization settings page.
   b. If you need to enable synchronization without resyncing first, press **Enable without Resyncing**.
   c. You can enable and resync the synchronizer later from the synchronization settings page. Press **Done** if you don't need to enable the newly installed synchronizer now.

> ⊘ Import and Export are actually a one-time Resync. Export is resync from Structure and import is resync into Structure. If you need to run export or import periodically, you can set up a synchronizer with all the parameters but without enabling it - so no synchronization happens in the background. When you need to export or import, you can open Synchronization Settings page for the structure and run Resync. Just make sure you've selected the correct Resync direction!