

# Creating a New Synchronizer

Structure comes with a number of bundled [synchronizers](#), but you can add another synchronizer to the system, allowing Structure users to install it on structures and run export / import.

## 1. Implement StructureSynchronizer

Create your implementation of [StructureSynchronizer](#) interface.



Use [AbstractSynchronizer](#) or [AbstractIssueListeningSynchronizer](#) as the base class.

## 2. Define structure-synchronizer Module

Add [Synchronizer Module](#) module to your `atlassian-plugin.xml`, referring to your implementation of the `StructureSynchronizer`.

## 3. Test Thoroughly

Test how your synchronizer works when other synchronizers are also installed onto the same structure.

## Sample Project

This project can be used to bootstrap writing your own synchronizer. It compiles into a working plugin, which does not do anything except writing to console at the times the synchronizer would do some work.

| File   | Modified  |
|--|--|
| ZIP Archive foo-synchronizer-0.1.zip<br>Template project for writing custom synchronizer | Jul 09, 2012 by Igor Sereda  |