

Installing Multiple Starfish Data Adapters on a Single Server

The paths created by default in the Starfish Datapump assume that only one adapter will be installed on that machine. If you wish to install datapumps for multiple integrations, or for multiple environments (such as test and production) on the same server, please make the following modifications to ensure that the directory structure is unique to each adapter.

The standard adapter includes a default of `./tempdatafiles`, but each adapter should have its own directory configured for temp files. Your temp files file structure might look something like this:

```
/home/starfish/datapumps/test/exchange/tempdatafiles  
/home/starfish/datapumps/test/sis/tempdatafiles  
/home/starfish/datapumps/prod/exchange/tempdatafiles  
/home/starfish/datapumps/prod/sis/tempdatafiles
```

The index files location must also be unique per datapump, and should resemble the following example:

```
/home/starfish/datapumps/test/exchange/index  
/home/starfish/datapumps/test/sis/index  
/home/starfish/datapumps/prod/exchange/index  
/home/starfish/datapumps/prod/sis/index
```

The index and tempdatafiles directories are completely managed by the adapter and you should not place files in those directories. You can choose to have those located in some other location, and then a full path is required in the config.xml files. The paths, however, must be unique per datapump.

When configuring the SIS adapter, you may wish to also create a unique directory structure for the sisdatafiles directory. This would allow you to send one set of SIS files to your test environment for testing before adding those files to your production instance of Starfish. If you wish to do this to allow for easier testing of new files, you would also need to modify the directory structure to resemble the following example:

```
/home/starfish/datapumps/test/sis/sisdatafiles  
/home/starfish/datapumps/prod/sis/sisdatafiles
```

However, some institutions choose to send the same SIS data to both the production and test instances simultaneously. If you choose to do so, then both adapters may share the same directory, and your temp files file structure might look something like this:

```
/home/starfish/datapumps/sisdatafiles
```

If you elect to share the same sisdatafiles directory for both test and production, we also recommend setting the datapumps to run at different times. For example, the test adapter may be set to run at 1:00am and the production adapter at 1:30am.

****Installing Multiple Adapters on Windows:** When multiple adapters are installed on a Windows Server, the Wrapper.conf file, located at C:\starfish\prod and C:\starfish\test, should be updated as well. Locate "Starfish Data Service - sis" (you will notice 3 instances in the wrapper.conf file), and replace with something more meaningful, such as "Starfish PROD Data Service - sis".

****Installing multiple adapters for versions 2.6.1 and older:** You must also edit the start.sh and stop.sh scripts in the datapump-common to ./starfish_datapump.pid in order for those scripts to reference the correct datapump.