

Apache Felix Framework Integrator

The *Felix* framework integrator provides integration for *Apache Felix*.

As there is no single downloadable package containing both sources and binary bundles, you need to download all the items separately and specify their location.

To provide all the items the integrator expects to find, perform the following general steps

1. Download the binary *ZIP* or *tar* archive of Apache Felix and unpack its `felix-<version>` subfolder to the desired location.

At the time of this writing the current version of Apache Felix is 1.0.3, so the downloadable binary *ZIP* or *tar* contains a folder `felix-1.0.3`.

2. Specify the location of `felix-<version>` as the base folder for the integrator. The integrator loads the bundle *JARs* from the `bin` and `bundle` subfolders.

To enable access to the sources of the bundles in IntelliJ IDEA

1. In the base folder, create an `src` folder with the `bin` and `bundle` subfolders.
2. Copy all source *ZIP* archives for `felix.jar` into the `src/bin` folder. `main-1.0.3.zip` and `framework-1.0.3.zip` should be put here.

Unfortunately, sources for some classes in `felix.jar` are missing in the archives and you'll have to additionally download some files, such as `org.osgi.core-1.0.0.zip`, and put them here to get the sources for all classes.

3. Store the source *ZIP* archives for the other bundles in the `src/bundle` folder.

Do not change the source *ZIP* of any of the bundles. The integrator expects to find the Felix specific folder structure inside them. A source *ZIP* named `mybundle-1.00.zip` will contain the sources in the folder `mybundle-1.00/src/main/java`.

See Also

Reference:

- [OSGi: Framework Instances](#)

External Links:

- [Framework Definitions](#)

Web Resources:

- [Developer Community](#) 