Accessing Structure from Your Plugin

Structure provides a Java API that lets other plugins interact with the Structure data. The API is accessed through a few services that you can have injected into your components.

To start using Structure in your plugin:

1. Add dependency to your `pom.xml`

Figure out the version of the API that you need - it may depend on your JIRA and Structure plugin version.

To use API classes, add the following dependency:

```
<dependency>
  <groupId>com.almworks.jira.structure</groupId>
  <artifactId>structure-api</artifactId>
  <version>8.7.0</version>
  <scope>provided</scope>
</dependency>
```

2. Import an interface

In your atlassian-plugin.xml, use <component-import> module to import the interfaces that you need.

> ⊘ You can import StructureServices and get all other interfaces from there.

```
<component-import key="structure-services" interface="com.almworks.jira.structure.api.StructureServices"/>
```

3. Have Structure API service injected into your component.

```
public class MyClass {
  private final StructureManager structureManager;

  public MyClass(StructureServices structureServices) {
    structureManager = structureServices.getStructureManager();
  }

  ...
}
```

Next: Learn API Basics