

Structure Developer's Guide

Structure Developer Documentation

- [Structure Concepts, Developer's Perspective](#)
- [Accessing Structure from JIRA Plugin](#)
 - [Setting Up the Integration](#)
 - [Additional Libraries Used in Structure API](#)
 - [Controlling Compatibility](#)
 - [Making Structure Dependency Optional](#)
 - [Structure Services](#)
 - [Building Forest Specification](#)
 - [Reading Structure Content](#)
 - [Changing Structure Content](#)
 - [Loading Attribute Values](#)
 - [Creating and Adding Folders](#)
 - [Creating Dynamic Structures](#)
- [Extending Structure Functionality](#)
 - [Creating a New Column Type](#)
 - [Creating a New Synchronizer](#)
 - [Loading Additional Web Resources For Structure Widget](#)
- [Accessing Structure Data Remotely](#)
- [Reference](#)
 - [Structure Java API Reference](#)
 - [Structure API Versions](#)
 - [Structure Plugin Module Types](#)
 - [structure-synchronizer](#)
 - [structure-attribute-loader-provider](#)
 - [structure-export-renderer-provider](#)
 - [structure-item-type](#)
 - [new-structure-template](#)
 - [structure-query-constraint](#)
 - [Generator Modules](#)
 - [Structure REST API Reference](#)
 - [Structure Resource](#)
 - [Forest Resource](#)
 - [Item Resource](#)
 - [Value Resource](#)
 - [Structure JavaScript API Reference](#)
 - [JavaScript API Functions](#)
 - [JavaScript API Classes](#)
 - [Column Class](#)
 - [ColumnConfigurator Class](#)
 - [ColumnOption Class](#)
 - [ColumnType Class](#)
 - [Web Resource Contexts](#)
- [API Usage Samples](#)
- [Structure 3 API Changes](#)

Structure for Developers

Structure add-on provides APIs that allow you to access structures, integrate your add-on with Structure and extend Structure functionality. Here are the typical use cases:

Custom Development

You customize JIRA for your customer or employer, and you need to integrate Structure with some other in-house system – see [section about integrating plugins](#) and [Java API reference](#).

Plugin Integration

You have your own great JIRA plugin, or plan to create one, and you'd like to use the issue hierarchy provided by Structure – see [Accessing Structure from JIRA Plugin](#).

Extending Structure

You'd like to extend Structure, adding functionality to the plugin itself – read documentation about [extending Structure functionality with additional plugins](#).

Remote Access

You need to get or change issue hierarchy remotely from some automated scripts or a client application – read about [Accessing Structure Data Remotely](#) and [Structure REST API](#).