

ActionScript and Flex

To support [ActionScript](#) and [Flex](#), IntelliJ IDEA provides:

- The Flash/Flex Support [plugin](#). This plugin is bundled with the IDE and must be enabled.
- A dedicated [module](#) type (Flash).
- [Build configurations](#) for the various target platforms (Web, Desktop and Mobile) and output types (SWF and SWC).
- Dedicated [run/debug configuration](#) types (Flash App, FlexUnit and Flash Remote Debug).
- The ActionScript Profiler and Flash UI Designer plugins. These plugins are available for download from the JetBrains repository. For more information, see [Profiling CPU in Flash and Flex Applications](#). See also, [Installing, Updating and Uninstalling Repository Plugins](#).

In this section:

- [Preparing for ActionScript or Flex Application Development](#)
- [Creating and Editing ActionScript and Flex Application Elements](#)
- [Working with Build Configurations](#)
- [Configuring Dependencies for Modular Applications](#)
- [Building ActionScript and Flex Applications](#)
- [Running and Debugging ActionScript and Flex Applications](#)
- [Packaging AIR Applications](#)
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- [Testing ActionScript and Flex Applications](#)
- [ActionScript-Specific Refactorings](#)

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ActionScript and Flex Support

ActionScript and Flex support includes:

- [Code completion](#), including [completion of statements](#) (Ctrl+Shift+Enter) and [Smart Type completion](#) (Ctrl+Shift+Space).
- Error and syntax highlighting.

- **ActionScript and Flex code refactorings:**
 - [Change Method Signature](#).
 - [Delegate Methods](#).
 - [Extract Interface](#).
 - [Extract Method](#).
 - [Extract Superclass](#).
 - [Inline](#).
 - [Introduce Constant](#).
 - [Introduce Field](#).
 - [Extract Parameter](#).
 - [Introduce Variable](#).
 - [Move a class or an interface to a package](#).
 - [Move Inner to Upper Level](#) for moving classes, functions, variables, constants and namespaces declared outside of packages into a package.
 - [Move/Copy](#) a file.
 - [Move Static Members](#).
 - [Pull Members Up, Push Members Down](#).
 - [Rename](#) a file, function, variable, parameter, property or label (both directly and via references).
 - [Safe Delete](#) a file.
- **ActionScript and Flex code inspections and quick-fixes.**
- [Intention Actions](#) for creating various application elements.
- [Code formatting and folding](#).
- [Advanced Search and Navigation](#), plus [Structure View](#).
- [Enhanced navigation](#) with gutter icons.
- [Navigation from CSS properties and selectors to their declarations in ActionScript](#) (Ctrl+B, Ctrl+Button1 Click or Button2 Click).
- [Possibility to build ActionScript and Flex applications using various compiler shells and compilation options](#).
- [Support for breakpoints and specific run/debug configurations](#) for debugging ActionScript and Flex applications directly from IntelliJ IDEA.
- [ActionScript and Flex-aware debugger](#) that lets you execute applications step by step, evaluate expressions, examine related information and find runtime bugs.
- [Quick Javadoc](#) (Ctrl+Q or Alt+Button2 Click) for AsDoc.
- [BlazeDS support](#).
- [AIR application development support at all stages of application development cycle](#). Development of AIR applications for mobile devices is also supported. For basic how-to information, see [New in IntelliJ IDEA 10.5: Develop Mobile AIR Applications for Android](#).
- [Possibility to create pure ActionScript applications](#).
- [ActionScript live templates: File | Settings | IDE Settings | Live Templates | ActionScript and JavaScript groups](#).
- [Ability to wrap and unwrap code constructs in ActionScript and MXML](#) (Ctrl+Alt+T and Ctrl+Shift+Delete).
- [Type Hierarchy \(Ctrl+H\), Method Hierarchy \(Ctrl+Shift+H\) and Call Hierarchy \(Ctrl+Alt+H\)](#) for Flex sources (*.mxml and *.as files).

- Easy import of Flex projects created in Adobe Flash Builder.
- Import of Flexmojos [🔗](#) projects. See [Working with Flexmojos projects in IntelliJ IDEA](#) [🔗](#). See the description of [related import setting](#).
- ActionScript and Flex [UML class diagrams](#). Among the features is the ability to [view changes](#) in ActionScript source files in a structured visual form.

FlexUnit Support

IntelliJ IDEA supports the versions 0.9 and 4 of [FlexUnit](#) [🔗](#), a unit testing framework for Flex and ActionScript applications and libraries.

FlexUnit support includes:

- Dedicated [FlexUnit run/debug configurations](#) to run a single test method, test suite, all methods in a certain test class, or all test classes in a given package.
- Ability to perform the tests both in the run and the debug modes.
- Support for Flunit tests via FlexUnit 4 test runner.
- FlexUnit-aware code inspections (turned off by default).

See Also

External Links:

- [Developing, running and packaging AIR mobile applications for Android](#) [🔗](#)
- [The Extract Interface and Extract Superclass refactorings for Flex and ActionScript](#) [🔗](#)
- [The Change Method Signature refactoring for ActionScript and Flex](#) [🔗](#)
- [Working with Flexmojos projects in IntelliJ IDEA](#) [🔗](#)
- [New in IntelliJ IDEA 10.5: Develop Mobile AIR Applications for Android](#) [🔗](#)
- [Profiling CPU in Flash and Flex Applications](#) [🔗](#)

Web Resources:

- [Developer Community](#) [🔗](#)