

# Adobe® ColdFusion® Builder™ 2.0 Release Notes

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## Welcome to ColdFusion Builder 2.0

Welcome to Adobe® ColdFusion® Builder™ 2.0.

Adobe® ColdFusion® Builder™ is Adobe's integrated development environment (IDE) for developing applications using ColdFusion. ColdFusion Builder is built on top of Eclipse, and can run as a standalone installation or as a plug-in to an Eclipse or Adobe® Flash® Builder™ installation.

ColdFusion Builder provides a unified, customizable, and extensible development environment that is closely integrated with ColdFusion. You can create rich interfaces for new and existing ColdFusion applications quickly and easily using ColdFusion Builder.

Using the integrated workflows of Adobe Flash Builder™ 4.5 and Adobe AIR®, ColdFusion Builder 2.0 lets you easily create Rich Internet Applications (RIA).

## Activating ColdFusion Builder 2.0

When you start ColdFusion Builder, you are prompted to enter the product serial number. When you enter a valid product serial number, activation happens in the background the first time the software detects an Internet connection. For more information, visit the Adobe Product Activation Center at [www.adobe.com/go/activation](http://www.adobe.com/go/activation).

If you do not enter the product serial number when you start ColdFusion Builder, you can use the trial version of the full-featured ColdFusion Builder 2.0 for 60 days. After the trial expires, you need to purchase a license to continue using all the features. If not, ColdFusion Builder switches to a feature-limited Express Edition. With the Express Edition, you can continue to use ColdFusion Builder with basic features such as editor, code assist, and syntax highlighting. But the key features such as code assist for extensions, code insight, extension callbacks, connection to remote server, quick fix, debugging remote projects, refactoring, ColdFusion search, code formatting, FTP support, log viewer, local file browser, code hyperlinks, and hover help are not available in the Express Edition of ColdFusion Builder.

You can convert the Express Edition to a full-featured version by purchasing the license and specifying the product serial number.

## Managing ColdFusion Builder licenses

If you are a single-license user you can use ColdFusion Builder on up to two computers. To use your ColdFusion Builder license on a different computer than your original two computers, deactivate the ColdFusion Builder license on one of the two computers. After which, you can use it on another computer.

To deactivate the ColdFusion Builder license, select Help > Adobe ColdFusion Builder Deactivation.

*Note:* If you are uninstalling ColdFusion Builder, Adobe recommends that you first deactivate your license and then uninstall ColdFusion Builder.

# What's new and enhanced in ColdFusion Builder 2.0

## ColdFusion Builder 2.0 Express Edition

Use a feature-limited Express Edition of ColdFusion Builder after the trial expires. Till you purchase a license, you can continue to use the basic features such as editor, code assist, and syntax highlighting. See [Activating ColdFusion Builder](#).

## Getting started experience

A dynamic getting started experience that invites access to tutorials, workflows, movies, notifications, tips and tricks, and useful resources any time you start ColdFusion Builder. See [Getting started experience](#).

## Editor enhancements

### Add tasks to Task View

If you define tasks as CFML comments, the Task View displays them based on the priority you set. The tasks are listed with the default TODO and FIXME tags or the custom task tag prefix. See [Add tasks to Task View](#).

### Select tag blocks of your choice

The enclosing tag block from the caret position can be selected using the shortcut Ctrl+Alt+B (Windows) or Command+Option+B (Mac). Retain the selection and then repeat the shortcut for cumulative selection of code. See [Select tag blocks of your choice](#).

**Jump to matching tag**

Move the caret position from beginning to end or end to beginning of a tag block using the shortcut Ctrl+Alt+M (Windows) or Command+Option+M (Mac). See [Jump to matching tag](#).

**Code Assist enhancements****Auto-insert required attributes**

Auto-insert required attributes based on preference (the default option). If preference is not set, instead of insertion, attributes are only proposed. See [Auto-insertion of required attributes](#).

**Shows separate list of required and optional tag attributes**

Prompts you with a list of attributes, showing the required attributes at the top of the proposal list with check marks to indicate that the attributes are mandatory. A line separates the mandatory and optional attributes. See [Separate list of required and optional attributes](#).

**Lists proposals for createObject**

Proposes all objects (and the corresponding arguments) supported by the function `createObject`. See [Proposals for createObject](#).

**Cyclic Code Assist proposals**

Use Ctrl+<Space> to cycle through your Code Assist proposal. You can switch from one proposal group at a time to the next, for example from variables to function. See [Cyclic Code Assist proposals](#).

**Filter proposals containing text**

Filter proposals based on the text you specify. All proposals that contain the filter text are listed with selection set to the proposal that starts with the specified text. See [Filter proposals containing text](#).

**Datatype-aware Code Assist**

Shows Code Assist proposals based on expected data types. See [Datatype-aware Code Assist](#).

**Auto-insertion of function arguments**

When you insert a function, all required arguments are automatically inserted. See [Auto-insertion of function arguments](#).

**Function context assist enhancements**

- Displays function context assist whenever you load Code Assist inside function parameters
- Highlights the parameter that you currently edit in bold
- Displays the optional parameters inside `[]`.

See [Function context assist](#).

**Smart Code Assist for connection attributes**

Displays connection variables created for tags such as `cfexchangeconnection` and `cfftp`. See [Smart Code Assist for connection attributes](#).

**Usage-based Code Assist for cfloop**

Based on the type of loop, the required attribute is auto-inserted. See [Usage-based Code Assist for cfloop](#).

**Code folding enhancements**

Hide and display code blocks of your preference (Ctrl+Alt+F (Windows) or Command+Option+F (Mac)). The code folding that you define is saved and is available for future sessions. See [Code folding and unfolding](#).

**Code Formatting****Code Formatter**

Change the look of your CFML code by standardizing indentation, line length, and the case of tags and attribute names (Ctrl+Shift+F (Windows) or Command+Shift+F (Mac)). Code Formatter formats both tag and script-based syntax. Code Formatter provides an off-the-shelf set of preferences. You can customize, import, and export the preferences. See [Code Formatter](#).

**Auto-formatting**

Automatically indents lines of code and adjusts the ending tag. See [Auto-formatting](#).

**Quick Fix**

When you open/edit a file, ColdFusion Builder automatically identifies the function calls, CFCs, and CFMs that are not defined. A bulb icon appears in the left margin of the editor which, if clicked, prompts you to perform the appropriate quick fix. See [Quick Fix](#).

**ColdFusion Builder Search**

Specialized find and replace functionality (Ctrl+F (Win) or Command+F (Mac)) that searches text or tag in the current and open documents, selected resource, project, working set, workspace, local directory, FTP location, and RDS location. Regular expressions and multi-line search are also supported. To save time, you can run remote search in the background and continue with other tasks. ColdFusion Builder search applies to the following file types: CFC, CFM, HTML, XML, CSS, and JS. See [ColdFusion Builder Search](#).

**Keyboard shortcut enhancements**

- Use a Quick Assist that displays a catalog of shortcuts related to wizards, tags, and custom shortcuts
- Create custom keyboard shortcuts
- Modify and remove shortcuts
- Search shortcuts for specific actions based on filter text
- Export shortcuts in CSV format and import
- Restore defaults shortcut settings

See [CFML Editor keyboard shortcuts](#).

**Default keyboard shortcut changes**

Action	Default shortcut in ColdFusion Builder	Default shortcut in ColdFusion Builder 2.0
Insert <code>cfabort</code>	Ctrl+Shift+A	Ctrl+T,A

Action	Default shortcut in ColdFusion Builder	Default shortcut in ColdFusion Builder 2.0
Insert <code>cfdump</code>	Ctrl+Shift+D	Ctrl+T,D
Insert CFScript block	Ctrl+Alt+R	Ctrl+T,S
Insert <code>cfset</code>	Ctrl+=	Ctrl+T,=
Access tag editor	Ctrl +T	Ctrl+Shift+T
Wrap/Unwrap ColdFusion comment	Ctrl+Shift+M	Ctrl+T,M
Wrap in <code>##</code>	Ctrl+Shift+H	Ctrl+T,H
Wrap in <code>cfoutput</code>	Ctrl+Shift+O	Ctrl+T,O
Wrap in try/catch	Ctrl+Shift+T	Ctrl_T,T

## Navigation enhancements

### Code navigation

Navigate from a user-defined function to the next or previous one or (in CFC files) to the top-level members of the CFC (Ctrl + Shift + Up arrow/Down arrow key (Windows) or Command + Shift + Up/Down arrow key (Mac)). For flow-control statements provided in CFScript, in both CFC page and CFM page, navigate to the next or previous code blocks if the caret position is within any of these statements. See [Code navigation](#).

### Smart tab navigation

Quickly navigate to the next (use Ctrl + ] on Windows or Command + ] on Mac)) and previous (use Ctrl + [ on Windows or Command + [ on Mac)) function argument or tag attribute. Smart tab navigation is applicable to cffunction arguments also in the case of function definition. See [Smart tab navigation](#).

## Extension enhancements

### Specifying callback commands from handlers

You can complete the following operations in the execution phase: refresh file, folder, or project; open file or insert text; get a list of servers or data sources; get details of tables; search and return content of a file; and list the functions and variables in a file. See [Specifying callback commands from handlers](#).

### Create views

Create views and toolbar items for the views you create using extensions. This helps you use the IDE features concurrently while seeing the data. See [Create views](#).

### Contribute to Code Assist from extensions

Add proposals to Code Assist from extensions. See [Contribute to Code Assist from extensions](#).

### Extension support for setting Launch Page

Dynamically generate Start Page URL for framework applications using extensions. ColdFusion Builder features such as ColdFusion Debugger, Use External Browser, and Run as ColdFusion Application use this URL as the Start Page URL. The generated URL can also have query param added to it. See [Extension support for setting Launch Page](#).

**Version and server details**

ideeventinfo.xml sent to Handler CFM files from ColdFusion Builder will have ColdFusion Builder version information and server details such as hostname and port number. See [Understanding ColdFusion Builder and handler communication](#).

**Other enhancements****Create CFM/CFC files outside the workspace**

Create CFM/CFC files outside the workspace using the File view. See [Create CFM/CFC files outside the workspace](#).

**Set Launch Page**

Designate a specific file as the Launch Page for your project. This page is loaded when you run/debug a file. See [Set Launch Page](#).

**Help improvements**

- Context-sensitive Help is displayed on mouse hover. This applies to functions, tags, and UDFs. For UDFs, the value of the hint attribute is displayed in the Help window.
- Context-sensitive Help is available when you run Code Assist and then highlight a parameter or attribute.

## System Requirements

You can view the system requirements for ColdFusion Builder 2.0 at [http://www.adobe.com/go/cfb2\\_sysreqs](http://www.adobe.com/go/cfb2_sysreqs).

## Installation Instructions

For instructions to install ColdFusion Builder on Windows and Macintosh platforms - as a standalone installation or as plug-in configuration, see [Installing Adobe ColdFusion Builder 2.0](#).

## Documentation

The following documentation is available online in HTML, in the ColdFusion Builder Help system, and as Adobe Acrobat Portable Document Format (PDF) files in the ColdFusion Builder DVD.

- [Installing Adobe ColdFusion Builder 2.0](#)
- [Using Adobe ColdFusion Builder 2.0](#)

## Known Issues

Bug Number	Area	Description
85283	Installation	On Windows, the first time when you launch ColdFusion Builder 2 as plug-in, after you accept the license agreement, ColdFusion Builder exits and fails to launch.  This issue does not occur on subsequent launches.
86317	Installation	When you install ColdFusion Builder, if you see the message <i>There is no space on the disk</i> for your temp directory, either free up space in your drive that has the temp directory or add TEMP and TMP environment variables pointing to the directory where you have space.
85324	Installation	In the case of stand-alone installation, when you try to launch ColdFusion Builder for the first time, you are twice prompted to select the workspace.  This issue does not occur on subsequent launches.
85884	Installation	If you install ColdFusion Builder 2 and Flash Builder as plug-ins to Eclipse and if licensing for one of the products expires, then you cannot use both the products.  The workaround is to uninstall the product for which license expired.
86117	Installation	If you install ColdFusion Builder 2 as plug-in to Flash Builder or vice versa, and if you uninstall and reinstall one of the products, then either you might not see the ColdFusion/Flash perspective or you cannot launch the product.  As a workaround, open the file <ColdFusion_Builder_Home/Flash_Builder_Home>\configuration\config.ini to get the path of "osgi.configuration.area". Then, back up this directory, delete the path from the system, and then launch the product.  If the issue persists, Adobe recommends you to uninstall and reinstall both the products.
84475	Installation	Start ColdFusion Builder using the option 'Run as Administrator' on Windows 7 and Windows Vista. Otherwise, some plug-ins are not loaded correctly. Also, Start/Stop option for servers in the Server Manager does not work.
2834892	Installation	If you are using the Express Edition, the first time when you launch ColdFusion Builder and switch to a new work space, ColdFusion Builder exits.  To resolve this issue, restart ColdFusion Builder.
2836031	Installation	When you switch from the Express Edition to the full-featured version of ColdFusion Builder, (while launching) you have to click Cancel in the Workspace Launcher and then restart ColdFusion Builder.
2840684	Installation	After switching from the Express Edition to the full-featured version, when you launch ColdFusion Builder for the first time, views such as File Explorer view and Tail View are not available.  To resolve this issue, restart ColdFusion Builder.
2836872	Installation	If the installation directory path has Unicode characters, installation completes, but ColdFusion Builder does not launch.  Therefore, avoid using Unicode characters when you specify installation directory path.
83249	Code Formatter	When the code is formatted, multiple assignments in the same statement are split into separate assignments.
83523	Code Formatter	Code Formatter may not format a selected block of code correctly if the selection does not constitute a logical block. For example, if the selected block of code contains start tag but not the corresponding end tag. This might result in loss of code.
84193	Code Formatter	For functions with name-value pair syntax, function arguments are not wrapped.

Bug Number	Area	Description
86152	Code Formatter	If CFML and HTML start and end tags are interposed as in the following example, then the code is not formatted correctly:  <pre>&lt;cfif thisTag.executionMode is "start"&gt; &lt;html&gt; &lt;cfelse&gt; &lt;/html&gt; &lt;/cfif&gt;</pre>
84251	Code Formatter	Code Formatter does not indent and format the selected code correctly if the selection starts with HTML code.
83852	URL Prefix	When you set URL Prefix for the folder, if the URL does not have either HTTP or HTTPS prefix, then the CFM is not launched in the external browser (when you try Run As > ColdFusion Application).
83905	Server Manager	You must refresh the server in the Server Manager (in ColdFusion Builder) after adding a new Virtual Host so that the CFCs in the Virtual Host directory are available in the Code Assist.
84814	ColdFusion Search	If you open a file from RDS and perform a Find All, instead of reporting the location of the remote file (where the matches occur), Search view shows path to a local temp directory.
85555	Code Colorization	If you use the workspace of ColdFusion Builder (previous release) with ColdFusion Builder 2, then files opened from the network drive may not be correctly colorized.  Colorization works if you refresh or edit the file.
83919	Code Colorization	Code color may be distorted if CFML tags are embedded in the value of HTML tag attribute.
85763	Version Control	When you are in the ColdFusion perspective, if you try to check out a project from SVN, then instead of checking the file out, an empty project is created.  As a workaround, switch to the SVN perspective and then checkout the files as a ColdFusion project.
86639	Quick Fix	After generating a function inside a component, if another call is made to the function, a Quick Fix warning appears. This issue does not occur after you modify the function's calling file.  Consider the following example:  <pre>&lt;cfscript&gt; o2 = new c2(); r1=o2.s1(1); r2=o2.s1(2); &lt;/cfscript&gt;</pre> <p>If you perform Quick Fix one after the other, after generating the s1 function for the first time, Quick Fix is not refreshed, resulting in the function s1 getting generated twice. If you make some modifications to the function's calling file, Quick Fix warning does not appear for s1.</p>
2836773	Quick Fix	Quick fix may not work if the names of folders or projects contain Unicode characters.
86042	Uninstalling <i>Only in the Japanese version</i>	When you uninstall ColdFusion Builder 2 installed as a plug-in to Eclipse, Eclipse shortcut launcher is not removed.

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Adobe® ColdFusion® Builder™ Release Notes

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