

Run/Debug Configuration: Dart Command Line Application


To get access to this dialog box:

1. Download the [Dart SDK](#).
2. Make sure the *Dart* plugin is [installed](#) and [enabled](#).








The plugin is not bundled with IntelliJ IDEA, but it is available from the [JetBrains plugin repository](#). Once enabled, the plugin is available at the IDE level, that is, you can use it in all your IntelliJ IDEA projects. See [Installing, Updating and Uninstalling Repository Plugins](#) and [Enabling and Disabling Plugins](#) for details.

In this dialog box, create a configuration to be used for running and debugging client-side Dart code.

This section provides descriptions of the [configuration-specific items](#), as well as the [toolbar](#) and [options](#) that are common for all run/debug configurations.

Item	Description
Name	In this text box, specify the name of the run/debug configuration.
Share	<p>Select this check box to make the run/debug configuration available to other team members.</p> <p>If the directory-based project format is used, the settings for a run/debug configuration are stored in a separate xml file in the <code>.idea\runConfigurations</code> folder if the run/debug configuration is shared and in the <code>.idea\workspace.xml</code> file otherwise.</p> <p>If the file-based format is used, the settings are stored in the <code>.ipr</code> file for shared configurations or in the <code>.iws</code> file for the ones that are not shared.</p> <p>This check box is not available when editing the run/debug configuration defaults.</p>
Dart file	In this text box, specify the Dart file to start the application from. The file must contain a <code>main()</code> method. Type the path to the file manually or click the Browse button  and select the file in the dialog box that opens.
VM options	<p>In this text box, specify the options to launch the Dart Virtual Machine with.</p> <p>When specifying the options, follow these rules:</p> <ul style="list-style-type: none">■ Use spaces to separate individual options, for example, <code>-client -ea -Xmx1024m</code>.■ If an option includes spaces, enclose the spaces or the argument that contains the spaces in double quotes, for example, <code>some "arg</code> or <code>"some arg"</code>.■ If an option includes double quotes (e.g. as part of the argument), escape the double quotes by means of the backslashes, for example, <code>-Dmy.prop=\"quoted_value\"</code>.
Program arguments	In this text box, type the list of arguments to start the application with. Use the same format as for VM options .


Toolbar

Item	Shortcut	Description
	Alt+Insert	Click this button to add new configuration to the list.
	Alt+Delete	Click this button to remove the selected configuration from the list.
	Ctrl+D	Click this button to create a copy of the selected configuration.
	Edit defaults	Click this button to edit the default configuration templates. The defaults are used for the newly created configurations.
	Alt+Up or Alt+Down	Use these buttons to move the selected configuration or group of configurations (folder) up and down in the list. The order of configurations or folders in the list defines the order, in which configurations appear in the Run/Debug drop-down list on the main toolbar.
		Use this button to create a new folder . If one or more run/debug configurations have the focus, then the selected run/debug configurations are automatically moved to the newly created folder. If only a category has the focus, then an empty folder is created. Move run/debug configurations to a folder using drag-and-drop, or  buttons.

Common options

Item	Description
Name	In this text box, specify the name of the current run/debug configuration. This field does not appear for the default run/debug configurations.
Defaults	This node in the left-hand pane of the dialog box contains the default run/debug configuration settings. Select the desired configuration to change its default settings in the right-hand pane. The defaults are applied to all newly created run/debug configurations.
Share	Select this check box to make the run/debug configuration available to other team members. If the directory-based project format is used, the settings for a run/debug configuration are stored in a separate xml file in the <code>.idea\runConfigurations</code> folder if the run/debug configuration is shared and in the <code>.idea\workspace.xml</code> file otherwise. If the file-based format is used, the settings are stored in the <code>.ipr</code> file for shared configurations or in the <code>.iws</code> file for the ones that are not shared. This check box is not available when editing the run/debug configuration defaults.

Item	Description
Single instance only	<p data-bbox="440 165 1326 230">If this check box is selected, this run/debug configuration cannot be launched more than once.</p> <p data-bbox="440 250 1355 421">Every time a new run/debug configuration is launched, IntelliJ IDEA checks the presence of the other instances of the same run/debug configuration, and displays a confirmation dialog box. If you click OK in the confirmation dialog box, the first instance of the runner will be stopped, and the next one will take its place.</p> <p data-bbox="440 450 1394 546">This make sense, when usage of certain resources can cause conflicts, or when launching two run/debug configurations of the same type consumes too much of the CPU and memory resources.</p> <p data-bbox="440 575 1386 672">If this check box is not selected, it is possible to launch as many instances of the runner as required. So doing, each runner will start in its own tab of the Run tool window.</p>

Item	Description	
Before launch	Specify which tasks should be carried out before starting the run/debug configuration. The specified tasks are performed in the order that they appear in the list.	
	Item	Keyboard shortcut
		Description
	+	Alt+Insert
-	Alt+Delete	Click this icon to remove the selected task from the list.
	Enter	Click this icon to edit the selected task. Make the necessary changes in the dialog that opens.

Item	Item	Keyboard shortcut	Description
	↑	Alt+Up	Click this icon to move the selected task one line up in the list.
	↓	Alt+Down	Click this icon to move the selected task one line down in the list.
	Show this page		Select this check box to have the run/debug configuration settings shown prior to actually starting the run/debug configuration.

See Also

Concepts:

- [Breakpoints](#)

Procedures:

- [Creating and Editing Run/Debug Configurations](#)
- [Running and Debugging Dart](#)

Reference:

- [Debug Tool Window](#)

Web Resources:

- [Developer Community](#) 