

Create Run/Debug Configuration for Gradle Tasks

This dialog lets you create a run/debug configuration for the selected Gradle task.

Item	Description
Name	This field shows the name of your Gradle project and the Gradle task that you have selected in the Gradle tool window for the 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>
Single instance only	<p>If this check box is selected, this run/debug configuration cannot be launched more than once.</p> <p>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>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>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>
Gradle Project	<p>Use this field to specify the location of your Gradle project. You can either enter it manually or click the Browse  button and point to the desired location in the dialog that opens.</p> <p>You can also click  button to select an available Gradle module from the list of registered Gradle modules in your existing IntelliJ IDEA project. The list has a tree structure that might be useful if you have a Gradle multi-module project.</p>
Tasks	This field shows the selected Gradle task. You can add other tasks to the selected one. Use spaces to separate one task from another.

Item	Description
VM Options	<p>Use this field to specify VM options for your Gradle project.</p> <p>If you need more room to type, click  next to the field to access the VM options dialog where the text entry area is larger.</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>.
Script Parameters	<p>Use this field as the Gradle command line to specify options for Gradle tasks. For the information on the syntax, see Gradle command line options. Please note that some of the Gradle commands options are not supported in IDE. In this case you will receive an error message indicating the problem.</p>

Item	Description			
Before launch	<p data-bbox="368 165 1398 264">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.</p> <table border="1" data-bbox="368 286 1398 392"><thead><tr><th data-bbox="373 293 475 385">Item</th><th data-bbox="475 293 643 385">Keyboard shortcut</th><th data-bbox="643 293 1393 385">Description</th></tr></thead><tbody></tbody></table>	Item	Keyboard shortcut	Description
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Item	Item	Keyboard shortcut	Description Description
	+	Alt+Insert	<p>Click this icon to add a task to the list. Select the task to be added:</p> <ul style="list-style-type: none"> ■ Run External tool. Select this option to run an application which is external to IntelliJ IDEA. In the dialog that opens, select the application or applications that should be run. If the necessary application is not defined in IntelliJ IDEA yet, add its definition. For more information, see Configuring Third-Party Tools and External Tools. ■ Make. Select this option to have the project or module compiled. The Make Module command will be carried out if a particular module is specified in the run/debug configuration, and the Make Project command otherwise. If an error occurs during the compilation, IntelliJ IDEA won't attempt to start the run/debug configuration. ■ Make, no error check. The same as the Make option but IntelliJ IDEA will try to start the run/debug configuration irrespective of the compilation result. ■ Build Artifacts. Select this option to have an artifact or artifacts built. In the dialog that opens, select the artifact or artifacts that should be built. See also, Configuring Artifacts. ■ Run Another Configuration. Select this option to have another run/debug configuration executed. In the dialog that opens, select the configuration to be run. ■ Run Ant target. Select this option to have an Ant target run. In the dialog that opens, select the target to be run. For more information, see Ant. ■ Generate CoffeeScript Source Maps. Select this option to have the source maps for your CoffeeScript sources generated. In the dialog that opens, specify where your CoffeeScript source files are located. For more information, see CoffeeScript Support. ■ Run Maven Goal. Select this option to have a Maven goal run. In the dialog that opens, select the goal to be run. For more information, see Maven. ■ Run Remote External tool: Add a remote SSH external tool. Refer to the section Remote SSH External Tools for details.

Item	Item	Keyboard Shortcuts	Description	
			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.	
			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.	