

Run/Debug Configuration: Gradle

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

Gradle-specific options

| Item | Description |
|----------------|--|
| 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 | <p>Use this field to specify external tasks for your Gradle project. Use spaces to separate one task from another.</p> |
| 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" or "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>. |

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 | <p>Use these buttons to move the selected configuration or group of configurations (folder) up and down in the list.</p> <p>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.</p> |

| Item | Shortcut | Description |
|---|----------|--|
|  | | <p>Use this button to create a new folder.</p> <p>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.</p> <p>Move run/debug configurations to a folder using drag-and-drop, or   buttons.</p> |

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 | <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> |

| Item | Description | | | |
|---------------|---|--------------------|--------------------------|--------------------|
| Before launch | <p data-bbox="440 165 1370 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="440 286 1398 392"><thead><tr><th data-bbox="440 286 544 392">Item</th><th data-bbox="544 286 715 392">Keyboard shortcut</th><th data-bbox="715 286 1398 392">Description</th></tr></thead><tbody></tbody></table> | Item | Keyboard shortcut | Description |
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|------|------|-------------------|--|
| | + | 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 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. |