

Run/Debug Configuration: J2ME

J2ME run/debug configuration options vary depending on the SDK you are using to develop your mobile applications. This section describes the options that are specific for WTK and DoJa, as well as the general options that apply to both SDKs.

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 current run/debug configuration.

Wtk-specific options

Item	Description
Jad/Class/OTA	Select, which of the following sources - Jad, MIDlet class or OTA - is used to be run/debugged. Each source has its own settings described below.
JAD	If you have selected to use Jad file as the source for running and debugging, you need only to specify its location in the Jad File .
Class Settings	If you have selected to use MIDlet class as the source for running and debugging, specify the following options: <ul style="list-style-type: none">■ MIDlet Class: Specify here the MIDlet class to run/debug.■ User Defined Settings: Use this options group to view/introduce/delete/move MIDlet class settings defined by the user.
OTA Settings	These options can be set, if you have selected to use OTA as the source for running and debugging. This functionality emulates wireless download of the software from the server. Therefore, it is necessary to have a working server with such service and the necessary suite (which you want to install and launch) on it. This service is completely dependent on the emulator vendor and IntelliJ IDEA does not provide it. So, it should be provided by the emulator or separately by the emulator vendor (for instance, like Nokia does). Thus, you need to have three items ready - a server, a service and tested suite on that server. Remember that the actual options list varies from emulator type. <ul style="list-style-type: none">■ Install from URL: Specify the URL from which the necessary suite can be downloaded. Later on, this suite is installed on the emulator.■ Force installation: Select this option to reinstall the suite, if it is already installed.■ Install, run and remove: The suite is installed on the emulator, launched and removed afterwards.■ Run/Remove previously installed: The previously installed suites are run or removed, respectively.■ Update Suites: Click this button to update the list of suites present on the server.

DoJa-specific options

Item	Description
Jam/Class	Select which of the files, Jam or IApplication Class, is to be run/debugged.
JAM	If you have selected to use Jam file as the source for running and debugging, you need only to specify its location in the Jam File field.
Class Settings	If you want to use IApplication Class as source for running/debugging, specify its location in the IApplication Class field.

General options

Item	Description
Device	Select one of the available devices for the current emulator.
Open Preferences	Opens the emulator's Preferences dialog. For more information, refer to emulator's documentation.
Open Utils	Opens the emulator's Utilities dialog. For more information, refer to emulator's documentation.
Emulator parameters	Type in/edit emulator parameters such as <code>-mx heap_size</code> or <code>traceall</code> .
Use classpath and JDK of module	Select a mobile module from the list of modules configured in your project. The classpath and JDK of this module will be used to run your J2ME module with the current run configuration.

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.

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
Item	Keyboard shortcut	Description		

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. <p>If an error occurs during the compilation, IntelliJ IDEA won't attempt to start the run/debug configuration.</p> ■ 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. <p>See also, Configuring Artifacts.</p> ■ 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. <p>For more information, see Maven.</p> ■ Run Remote External tool: Add a remote SSH external tool. Refer to the section Remote SSH External Tools for details.
<p>See Also</p> <p>Concepts:</p> <ul style="list-style-type: none"> ■ Run/Debug Configuration <p>Procedures:</p> <ul style="list-style-type: none"> ■ Creating and Editing Run/Debug Configurations ■ J2ME <p>Reference:</p> <ul style="list-style-type: none"> ■ Debugger <p>Web Resources:</p> <ul style="list-style-type: none"> ■ Developer Community  	-	Alt+Delete	<p>Click this icon to remove the selected task from the list.</p>

