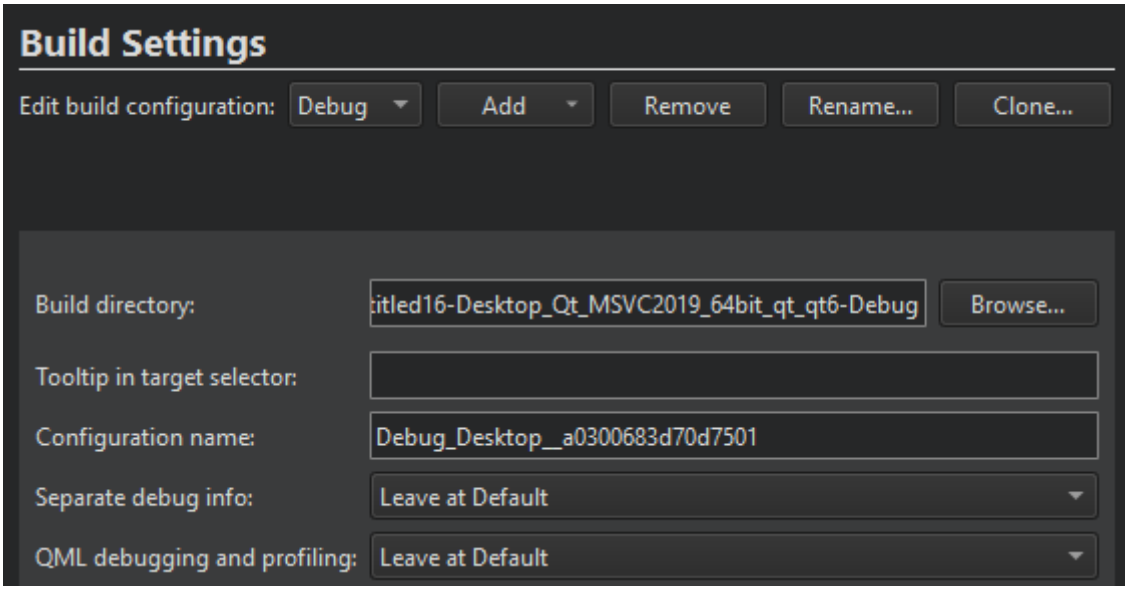
Qbs Build Configuration



Qbs builds projects in the directory specified in the **Build Directory** field.

In the **Tooltip in target selector** field, you can enter text that is displayed as a tooltip when you hover the mouse over the build configuration in the kit selector.

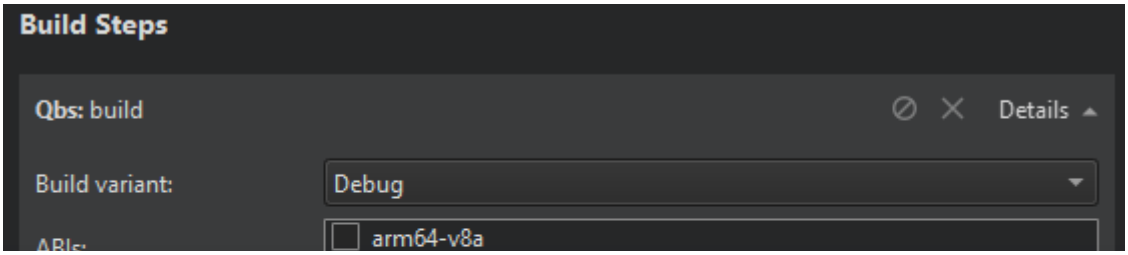
You can enter a name for the build configuration in the **Configuration name** field.

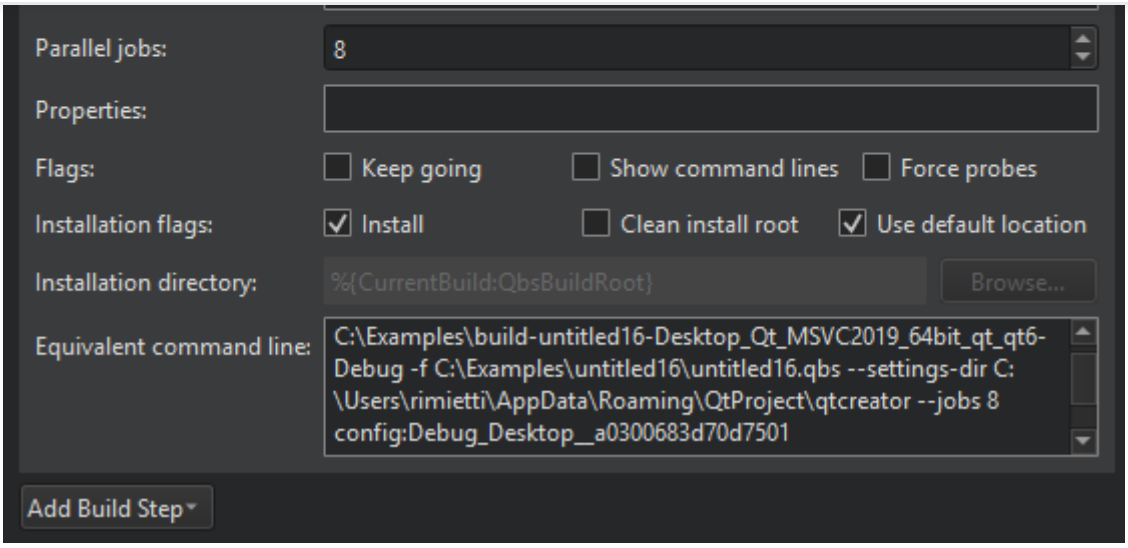
If debug info is being generated, you can have it placed into separate files, rather than embedded into the binary, by selecting **Enable** in the **Separate debug info** field. For more information, see Using the Performance Analyzer. To use default settings, select **Leave at Default**.

For more information about the QML debugging options, see Setting Up QML Debugging.

For more information about configuring Qbs, see Setting Up Qbs.

Qbs Build Steps





To specify build steps for Qbs:

1. In the **Build variant** field, select **Debug** to include debug symbols in the build for debugging the application and **Release** to create the final installation file.
2. In the **ABIs** field, select the ABIs for the Android device architectures to build the project for.
3. In the **Parallel jobs** field, specify the number of parallel jobs to use for building.
4. In the **Properties** field, specify the properties to pass to the project. Use colons (:) to separate keys from values. For more information, see Modules in the Qbs Manual.
5. In the **Flags** field:
   - Select **Keep going** to continue building when errors occur, if possible.
   - Select **Show command lines** to print actual command lines to Compile Output instead of high-level descriptions.
   - Select **Force probes** to force re-execution of the configure scripts of Probes.
6. In the **Installation flags** field:
   - Select **Install** to copy artifacts to their install location after building them. This option is enabled by default.

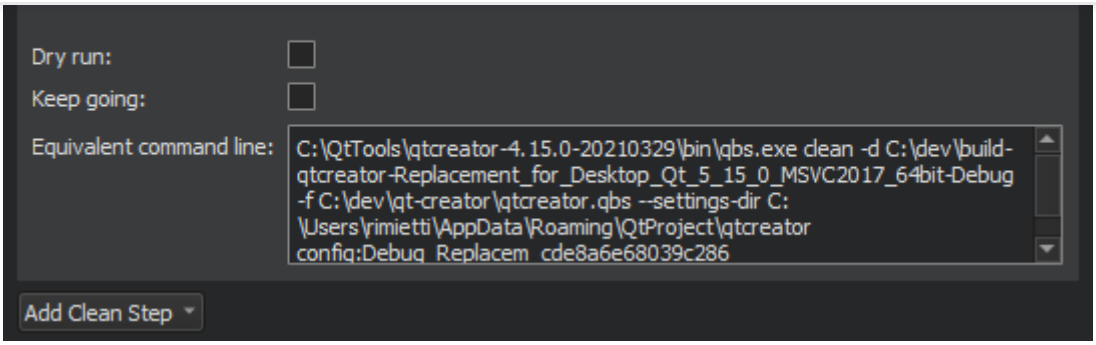
     > **Note:** On Windows, the build will fail if the application is running because the executable file cannot be overwritten. To avoid this issue, you can deselect this check box and add a **Qbs Install** deployment step in the run settings that will be performed just before running the application.

   - Select **Clean install root** to remove the contents of the install root directory before the build starts.
   - Select **Use default location** to install the artifacts to the default location. Deselect the check box to specify another location in the **Installation directory** field.

The **Equivalent command line** field displays the build command that is constructed based on the selected options.

Qbs Clean Steps

When building with Qbs, you can specify flags in **Clean Steps**:



- Select **Dry run** to test cleaning without executing commands or making permanent changes to the build graph.
- Select **Keep going** to continue cleaning when errors occur, if possible.

The **Equivalent command line** field displays the clean command that is constructed based on the selected options.

‹ qmake Build Configuration

Meson Build Configuration ›

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