

[Qt 6.4](#) > [Build with CMake](#) > [CMake Command Reference](#)

# CMake Command Reference

## Qt6::Core

<code>qt_add_big_resources</code>	Compiles big binary resources into object code
<code>qt_add_binary_resources</code>	Creates an RCC file from a list of Qt resource files
<code>qt_add_executable</code>	Creates and finalizes an application target of a platform-specific type
<code>qt_add_library</code>	Creates and finalizes a library
<code>qt_add_plugin</code>	Creates a Qt plugin target
<code>qt_add_resources</code>	Compiles binary resources into source code
<code>qt_allow_non_utf8_sources</code>	Prevents forcing source files to be treated as UTF-8 for Windows
<code>qt_android_add_apk_target</code>	Defines a build target that runs <code>androiddeployqt</code> to produce an APK
<code>qt_android_apply_arch_suffix</code>	Configures the target binary's name to include an architecture-specific suffix
<code>qt_android_generate_deployment_settings</code>	Generates the deployment settings file needed by <code>androiddeployqt</code>
<code>qt_deploy_qt_conf</code>	Write a <code>qt.conf</code> file at deployment time
<code>qt_deploy_runtime_dependencies</code>	Deploy Qt plugins, Qt and non-Qt libraries needed by an executable
<code>qt_disable_unicode_defines</code>	Prevents some unicode-related compiler definitions being set automatically on a target
<code>qt_extract_metatypes</code>	Extracts metatypes from a Qt target and generates an associated <code>metatypes.json</code> file
<code>qt_finalize_project</code>	Handles various common platform-specific tasks associated with a Qt project
<code>qt_finalize_target</code>	Handles various common platform-specific tasks associated with Qt targets
<code>qt_generate_deploy_app_script</code>	Generate a deployment script for an application
<code>qt_generate_moc</code>	Calls <code>moc</code> on an input file

<code>qt_standard_project_setup</code>	Setup project-wide defaults to a standard arrangement
<code>qt_wrap_cpp</code>	Creates .moc files from sources

## Qt6::DBus

<code>qt_add_dbus_adaptor</code>	Generates an adaptor class for a D-Bus interface
<code>qt_add_dbus_interface</code>	Generates C++ sources implementing an interface for a D-Bus interface description file
<code>qt_add_dbus_interfaces</code>	Generates C++ sources implementing interfaces for D-Bus interface description files
<code>qt_generate_dbus_interface</code>	Generates a D-Bus interface from a header file

## Qt6::InterfaceFramework

<code>qt_add_dbus_adaptor</code>	Generates an adaptor class for a D-Bus interface
<code>qt_add_dbus_interface</code>	Generates C++ sources implementing an interface for a D-Bus interface description file
<code>qt_add_dbus_interfaces</code>	Generates C++ sources implementing interfaces for D-Bus interface description files
<code>qt_generate_dbus_interface</code>	Generates a D-Bus interface from a header file

## Qt6::LinguistTools

<code>qt_add_lrelease</code>	Add targets to transform Qt Linguist .ts files into .qm files
<code>qt_add_lupdate</code>	Add targets to generate or update Qt Linguist .ts files
<code>qt_add_translation</code>	Compiles Qt Linguist .ts files into .qm files
<code>qt_add_translations</code>	Add targets to update and transform Qt Linguist .ts files into .qm files

[Topics >](#)

## Qt6::Qml

<code>qt_add_qml_module</code>	Defines a QML module
<code>qt_add_qml_plugin</code>	Defines a plugin associated with a QML module
<code>qt_deploy_qml_imports</code>	Deploy the runtime components of QML modules needed by an executable
<code>qt_generate_deploy_qml_app_script</code>	Generate a deployment script for a QML application
<code>qt_generate_foreign_qml_types</code>	Registers types from one target in a QML module
<code>qt_import_qml_plugins</code>	Ensures QML plugins needed by a target are imported for static builds
<code>qt_query_qml_module</code>	Retrieve information about a QML module

## Qt6::RemoteObjects

qt_add_repc_merged	Creates C++ header files for source and replica types from the Qt Remote Objects .rep files
qt_add_repc_replicas	Creates C++ header files for replica types from the Qt Remote Objects .rep files
qt_add_repc_sources	Creates C++ header files for source types from the Qt Remote Objects .rep files
qt_reps_from_headers	Creates .rep files from the QObject header files

## Qt6::Scxml

qt_add_statecharts	
--------------------	--

## Qt6::Widgets

qt_wrap_ui	Creates sources for .ui files
------------	-------------------------------

## Qt6::WebEngineCore

qt_add_webengine_dictionary	Converts the hunspell dictionary format into bdict binary format
-----------------------------	--

< Qt 5 and Qt 6 compatibility

CMake Variable Reference >

© 2022 The Qt Company Ltd. Documentation contributions included herein are the copyrights of their respective owners. The documentation provided herein is licensed under the terms of the [GNU Free Documentation License version 1.3](#) as published by the Free Software Foundation. Qt and respective logos are [trademarks](#) of The Qt Company Ltd. in Finland and/or other countries worldwide. All other trademarks are property of their respective owners.



Contact Us

### Company

- About Us
- Investors
- Newsroom
- Careers

### Licensing

- Terms & Conditions
- Open Source
- FAQ



Support

- Support Services
- Professional Services
- Partners
- Training

For Customers

- Support Center
- Downloads
- Qt Login
- Contact Us
- Customer Success

Community

- Contribute to Qt
- Forum
- Wiki
- Downloads
- Marketplace

© 2022 The Qt Company

[Feedback](#) [Sign In](#)