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CMake Command Reference

Qt6::Core

qt_add_big_resources	Compiles big binary resources into object code
qt_add_binary_resources	Creates an RCC file from a list of Qt resource files
qt_add_executable	Creates and finalizes an application target of a platform-specific type
qt_add_library	Creates and finalizes a library

Topics >

qt_allow_non_utf8_sources	Prevents forcing source files to be treated as UTF-8 for Windows
qt_android_add_apk_target	Defines a build target that runs androiddeployqt to produce an APK
qt_android_apply_arch_suffix	Configures the target binary's name to include an architecture-specific suffix
qt_android_generate_deployment_settings	Generates the deployment settings file needed by androiddeployqt
qt_deploy_qt_conf	Write a qt.conf file at deployment time
qt_deploy_runtime_dependencies	Deploy Qt plugins, Qt and non-Qt libraries needed by an executable
qt_disable_unicode_defines	Prevents some unicode-related compiler definitions being set automatically on a target
qt_extract_metatypes	Extracts metatypes from a Qt target and generates an associated metatypes.json file
qt_finalize_project	Handles various common platform-specific tasks associated with a Qt project
qt_finalize_target	Handles various common platform-specific tasks associated with Qt targets
qt_generate_deploy_app_script	Generate a deployment script for an application
qt_generate_moc	Calls moc 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
<code>qt_create_translation</code>	Sets up the Qt Linguist translation toolchain

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	
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Qt6::Widgets

qt_wrap_ui	Creates sources for .ui files
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Qt6::WebEngineCore

qt_add_webengine_dictionary	Converts the hunspell dictionary format into bdict binary format
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< [Qt 5 and Qt 6 compatibility](#)

[CMake Variable Reference](#) >

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