Qt DOCUMENTATION

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设置介子

Meson是一个开源和多平台构建系统生成器，使用Ninja作为主后端。生成定义位于文件中，而生成选项位于中。`meson.build``meson_options.txt`

Meson在Qt Creator中的构建支持还不成熟，你只能用它来构建原生桌面应用程序。Meson构建中可用的许多功能或Qt创建者通常可用的功能都丢失了。

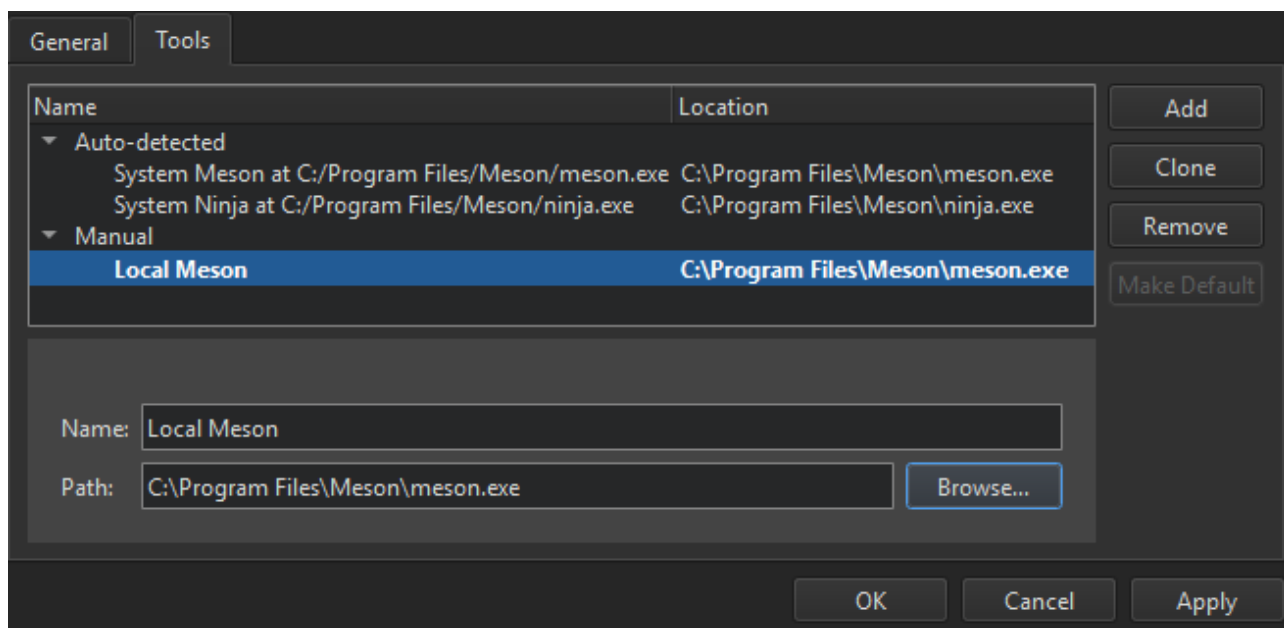Qt 创建器会自动检测介子和忍者可执行文件，这些可执行文件在 中指定。您可以添加指向其他介子或忍者可执行文件的路径，并在不同的构建和运行工具包中使用它们。PATH

> **注意：** 默认情况下，Meson 构建插件处于禁用状态，请参阅启用和禁用插件。

添加介子工具

Qt Creator对介子的版本没有很强的要求，任何高于0.49.0的版本都应该兼容。

要指定介子或忍者可执行文件的路径：

1. 选择"**编辑**>**首选项**"> **Meson** >"**工具**">**添加**"。

2. 在**名称**字段中，指定工具的名称。
3. 在"**路径**"字段中，指定介子或忍者可执行文件的路径。

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Kits | Qt Versions | Compilers | Debuggers | CMake

	Meson	
File system name:		
Device type:	Desktop	
Device:	Local PC (default for Desktop)	Manage...
Build device:	Local PC (default for Desktop)	Manage...
Sysroot:		Browse...
Compiler:	C: Microsoft Visual C++ Compiler 16.8.30804.86 (amd64)	
	C++: Microsoft Visual C++ Compiler 16.8.30804.86 (amd64)	Manage...
	Nim: <No compiler>	
Environment:	No changes to apply. ☐ Force UTF-8 MSVC compiler output	Change...
MCU Dependencies:		
Debugger:	Auto-detected CDB at C:\Program Files (x86)\Windows Kits\	Manage...
Qt version:	Qt 5.15.4 (msvc2019_64)	Manage...
Qt mkspec:		
Additional Qbs Profile Settings:		Change...
CMake Tool:	System CMake at C:\Program Files\CMake\bin\cmake.exe	Manage...
CMake generator:	<none> - Ninja, Platform: <none>, Toolset: <none>	Change...
CMake Configuration:	CMAKE_CXX_COMPILER:STRING=%{Compiler:Executable:Cxx}; ...	Change...
Meson Tool:	System Meson at C:/Program Files/Meson/meson.exe	Manage...
Ninja Tool:	System Ninja at C:/Program Files/Meson/ninja.exe	Manage...

For more information, see Adding Kits.

Editing Meson Build Descriptions

To open a meson.build file for editing, double-click it from project tree. Only plain text editor is available now.

Code Completion and External Libraries

Through external libraries, Qt Creator can support code completion and syntax highlighting as if they were part of the current project or the Qt library.

Qt Creator handles code completion from compilation flags in Meson introspection data. Any external library added with or found in include path will be known by Qt Creator for code completion.dependency( )

Syntax completion and highlighting work once your project configures successfully.

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Current Meson Support Limitations

The following features are not supported yet:

> Showing header files in project tree.

> Configuration change detection, for example when building triggers a Meson configuration first.

> Actions from locator such as searching or triggering builds.

> Adding files to Meson projects from Qt Creator.

Related Topics

> Opening Projects

> Meson Build Configuration

> Specifying Run Settings

‹ Setting Up Nimble   Setting Up IncrediBuild ›

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