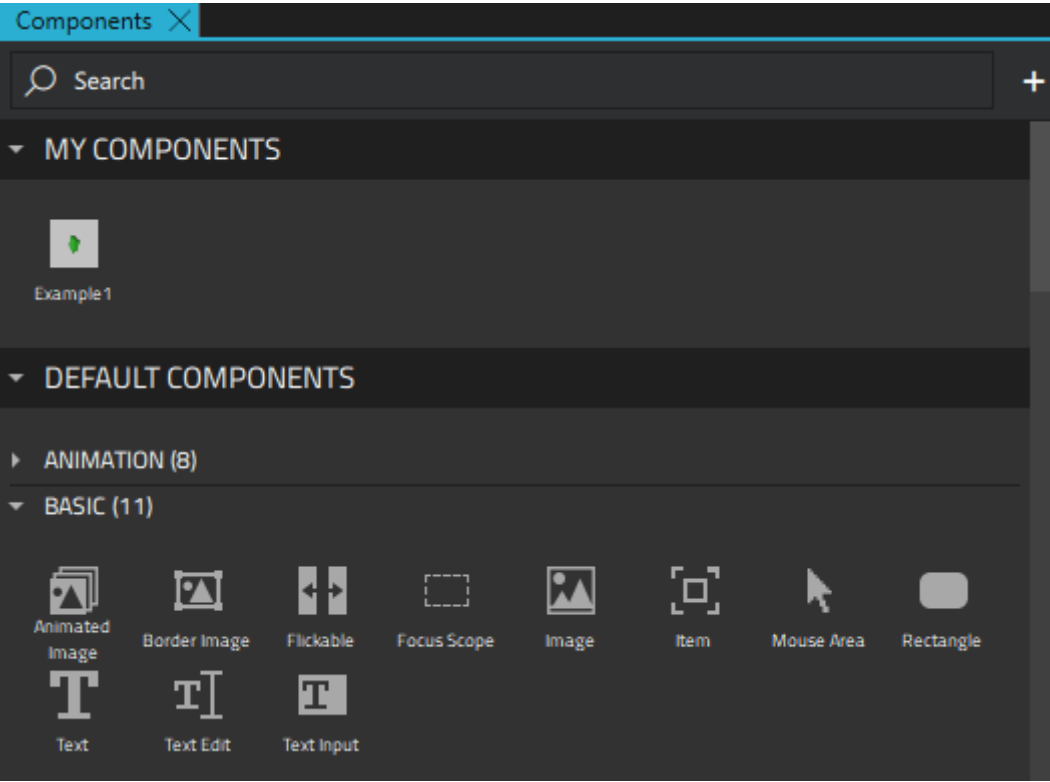


组件

“**组件**”视图列出了可用的组件。



组件显示已添加到项目中的模块。在许多模块中，组件已进一步组织成不同的类别。这些模块包含可视组件（如基本形状、UI 控件和 3D 组件），并向项目添加功能。所有组件都有一个类型。

可以将 UI 控件样式设置为具有特定操作系统（如 macOS、窗口、安卓或 iOS）的外观和感觉。

某些模块没有可见的组件。例如，**Qt.多媒体**模块将对音频和视频文件的支持添加到您的 UI 中。

组件类型

可以将以下类型的组件添加到项目中：

- 形状
- 发短信
- 图像
- 用户界面控件
- 用户交互方法

- › 2D 效果
- › 逻辑助手
- › 动画
- › 3D 视图
- › 节点
- › 群
- › 实例化渲染
- › 骨骼动画
- › 3D模型
- › 材质和着色器
- › 纹理
- › 3D 材质
- › 3D 效果
- › 自定义着色器
- › 灯
- › 相机
- › 场景环境
- › 变形目标
- › 中继器3D
- › 粒子

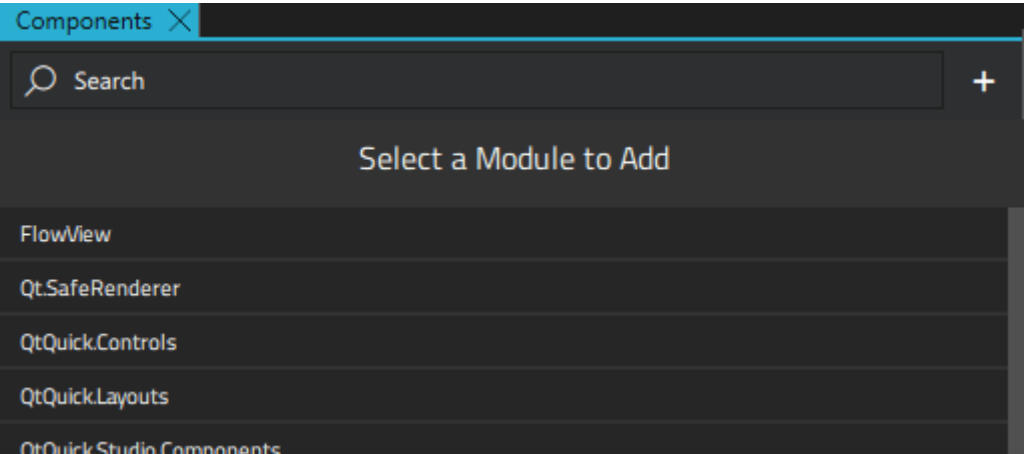
有关创建自己的组件的更多信息，请参见[创建自定义组件](#)。

添加和删除模块

创建项目时，默认情况下会添加其中通常需要的模块。例如，空应用程序项目包含基本组件和 UI 控件，而 3D 应用程序项目包含其他 3D 组件。

To view the list of available modules, select **+**. Most commonly used modules are placed at the top of the list in alphabetical order. You can search for components and modules by entering search criteria in the **Search** field.

Select the module to add it to **Components**.



```

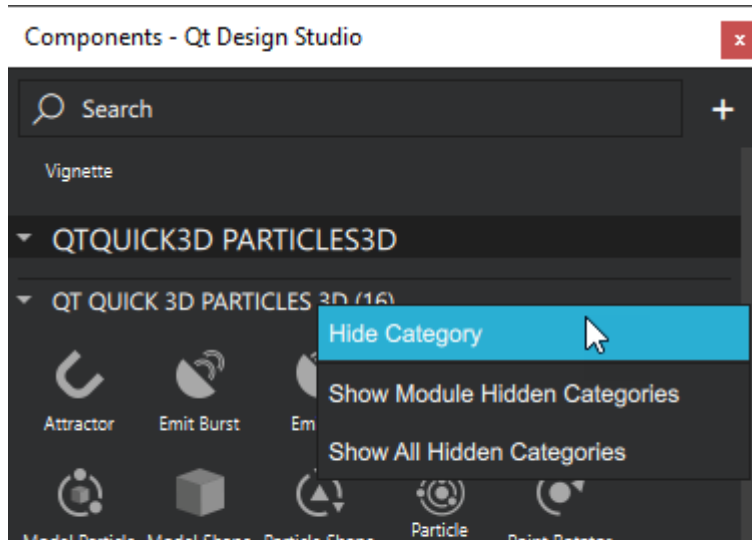
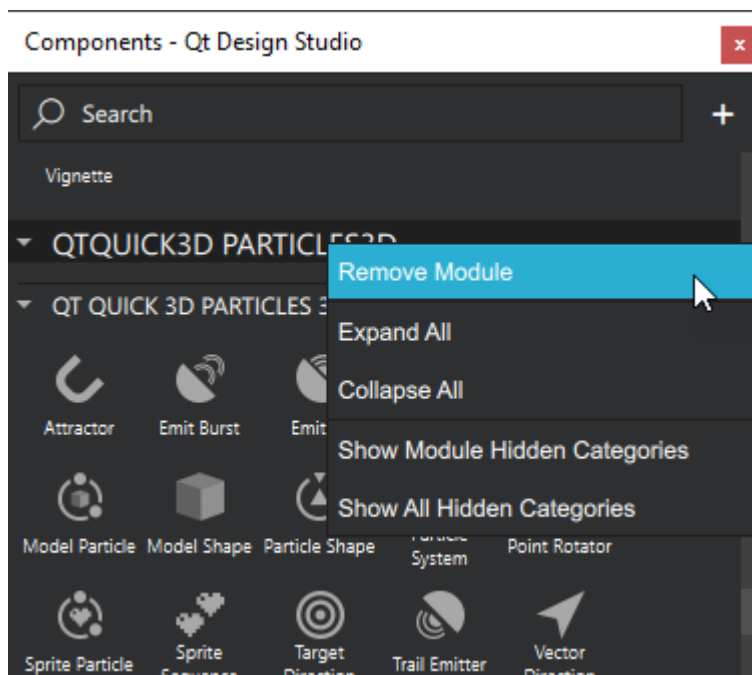
QtQuick.Studio.LogHelper
QtQuick.Studio.MultiText
Qt.test.qttestroot
QtCharts
QtDataVisualization
QtGraphicalEffects
QtMultimedia

```

This adds an *import statement* to the component code that you can see in the [Code](#) view. For example, if you add the `QtQuick.Controls` module, the following import statement is added to the code: `import QtQuick.Controls`

Since the added components and modules are packaged with your UI into the final application package, it is recommended that you select **Remove Module** to remove the ones you don't use in the project.

Context Menu Commands



To use the context menu commands in **Components**, right-click the name of a module or category and select one of the following commands:

- › **Remove Module:** removes the module and all of its components from **Components**.
- › **Expand All:** expands all the modules.
- › **Collapse All:** collapses all the modules.
- › **Hide Category:** hides the category from the module.
- › **Show Module Hidden Categories:** shows the hidden categories of the module.
- › **Show All Hidden Categories:** shows the hidden categories in all of the modules.

Note: The context menu commands for the **Components** categories do not function if you have entered something into the **Search** field. Clear the **Search** field to resume using the context menu commands.

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