

使用Qt桥接器进行费格玛

组织设计

要在导出和导入过程中获得最佳结果，请在使用 Figma 时遵循以下准则：

- 将页面用于不同的目的，例如用于尝试想法的草图绘制、用于创建 UI 组件的组件、用于在组件中使用的图像的资产，以及用于使用组件和资源构建 UI 屏幕的屏幕。
- 将每个页面排列成框架。当您某个设计感到满意时，请将其从草图绘制页面移动到组件页面，并在屏幕上使用它。导出资源时，可以跳过所有不想成为最终 UI 一部分的帧，以避免 Qt Design Studio 项目混乱。在Qt设计工作室中生成的代码对应于您的Figma文档的结构。
- 用于无花果的Qt桥支持无花果组件。每个 Figma 组件都导出为 Qt 设计工作室组件，每个 Figma 组件实例在将设计导入 Qt 设计工作室时生成的组件文件中作为相应的组件实例生成。
- 在Figma中创建组件并将它们导出到Qt设计工作室，然后再开始制作它们的实例。在Qt设计工作室中，向组件添加功能，例如按钮状态，然后将它们作为资产带回Figma。如果您在Figma中使用功能性Qt设计工作室组件，您会发现将设计的新迭代合并到Qt设计工作室并继续在那里构建屏幕会更容易。
- 用于 Figma 的 Qt 桥不支持导出组件实例中的更改。如果在 Figma 中对组件实例进行更改，则必须在导出实例之前分离它们。同样，如果您的 Figma 组件包含嵌套组件，Figma 允许您在组件实例内热交换嵌套实例。但是，Figma 的 Qt 桥不支持此功能，因此除非在导出组件实例之前将其分离，否则您将获得原始组件。
- 使用描述性和唯一ID，以避免在导出设计并将其导入Qt设计工作室后出现重复的ID。

要在Figma中使用的字体也用于Qt设计工作室，您需要将它们作为资源添加到Qt设计工作室。Qt 设计工作室会在您预览 UI 时将它们部署到设备上。有关详细信息，请参阅[使用自定义字体](#)。

可以导出的项目

您可以使用Figma的Qt桥导出设计的以下部分：

- 图像
- 矢量图像
- 层
 - 文本图层
 - 形状图层
- 组件
- 组件实例
- 样片

使用帧

默认情况下，框架将导出为矩形类型的组件。但是，如果已将效果应用于 Figma 的 Qt Bridge 无法处理的效果（如渐变填充颜色或混合半径），则这些帧将导出为图像。

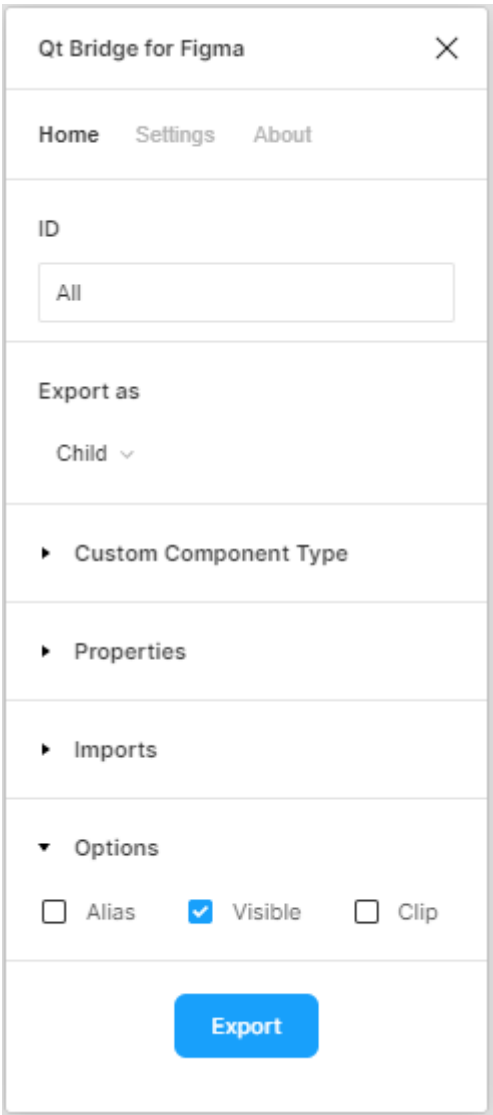
使用变体

Figma 变体作为具有状态的组件导出。组件集中的所有变体将合并在一起，并且变体之间的差异将转换为状态。

为获得最佳输出，请遵循以下准则：

- 用于“无花果”面板的 Qt 桥接对于变体被禁用。在向组件添加变体之前，组件的“Figma 的 Qt 桥接”设置应已完成。
- 不要更改变体中的图层名称。层的 ID 派生自层名称，而层名称又用于标识状态生成的属性差异，因此在变体之间保持层名称相同至关重要。
- 在变体之间添加和删除图层是可以的，并鼓励创建变体差异。

导出外观设计



2. Select **Export** to export your design.
3. When the exporting is done, select **OK**.

Qt Bridge for Figma exports everything into a .qtbridge archive. You can import the archive into a project in Qt Design Studio, as described in [Importing 2D Assets](#).

Export Settings

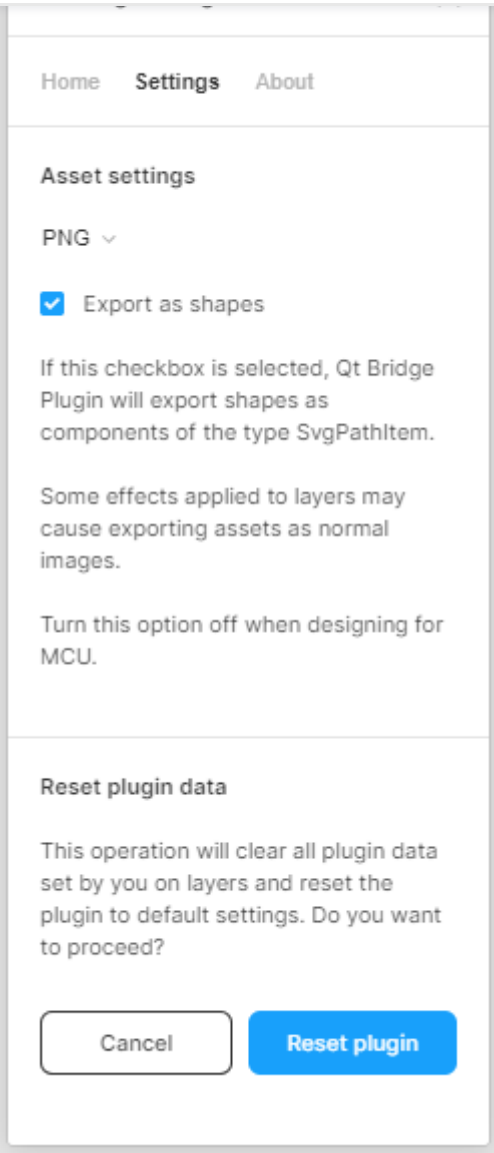
You can specify export settings in the **Home** tab and in the **Settings** tab.

Home

You can specify settings for exporting each group and layer.

Name	Purpose
ID	Qt Bridge for Figma automatically proposes identifiers for all groups and layers. You can change them in this field. Use unique and descriptive IDs to avoid duplicate IDs when the layer and the respective artwork are imported into Qt Design Studio.
Export as	Determines how to export the group or layer: <ul style="list-style-type: none">› Child exports each asset of the selected group or layer as a separate component file. Images are exported as separate files nested in Image components. You select the image file format in Settings > Asset settings. Figma rectangles are exported as Rectangle components. Figma vectors are exported as SVG Path Item components from the Qt Quick Studio Components module.› Merged merges the selected groups and layers into one component.› Skipped completely skips the selected layer.
Custom Component Type	Determines the component type to morph this layer into. The component that is generated during import will be of this type. For example, if you drew a button, you can export it as a Button component from the Qt Quick Controls module. You can provide the import statement of the module where the component is defined in the Imports field.
Properties	Sets values of properties for the component. You can add properties and modify their values in Qt Design Studio.
Imports	If you want to make additional components available in the component file, you can enter the import statements of the modules that contain the components in this field. For example, to use components from version 2.3 of the Qt Quick Controls module, you need the import statement and to use version 1.0 Qt Quick Studio Components, you need the import statement . You can add components from all the available modules in Qt Design Studio later. You can also import a module as an <i>alias</i> . <code>QtQuick.Controls 2.3QtQuick.Studio.Components 1.0</code>
Alias	Exports the component generated from this layer as an alias in the parent component.
Visible	Determines the visibility of the layer.
Clip	Enables clipping in the component generated from the layer. The generated component will clip its own painting, as well as the painting of its children, to its bounding rectangle.

Settings



You can export assets in the selected format (JPG, PNG, or SVG).

By default, vectors are exported as **SVG Path Item** components from the Qt Quick Studio Components module. This might not work for layers that have particular effects applied to them. In that case, the layers are exported as images.

Because MCUs only support simple images, disable the **Export as shapes** check box when designing for MCUs.

Name	Purpose
Asset settings	Exports assets in the selected format (JPG, PNG, or SVG).
Export as shapes	Exports vectors as components of the type SVG Path Item from the Qt Quick Studio Components module.
Reset plugin data	Resets all settings for all layers and groups (also in the Home tab) to default values. This means that you will lose all your changes to the settings.



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