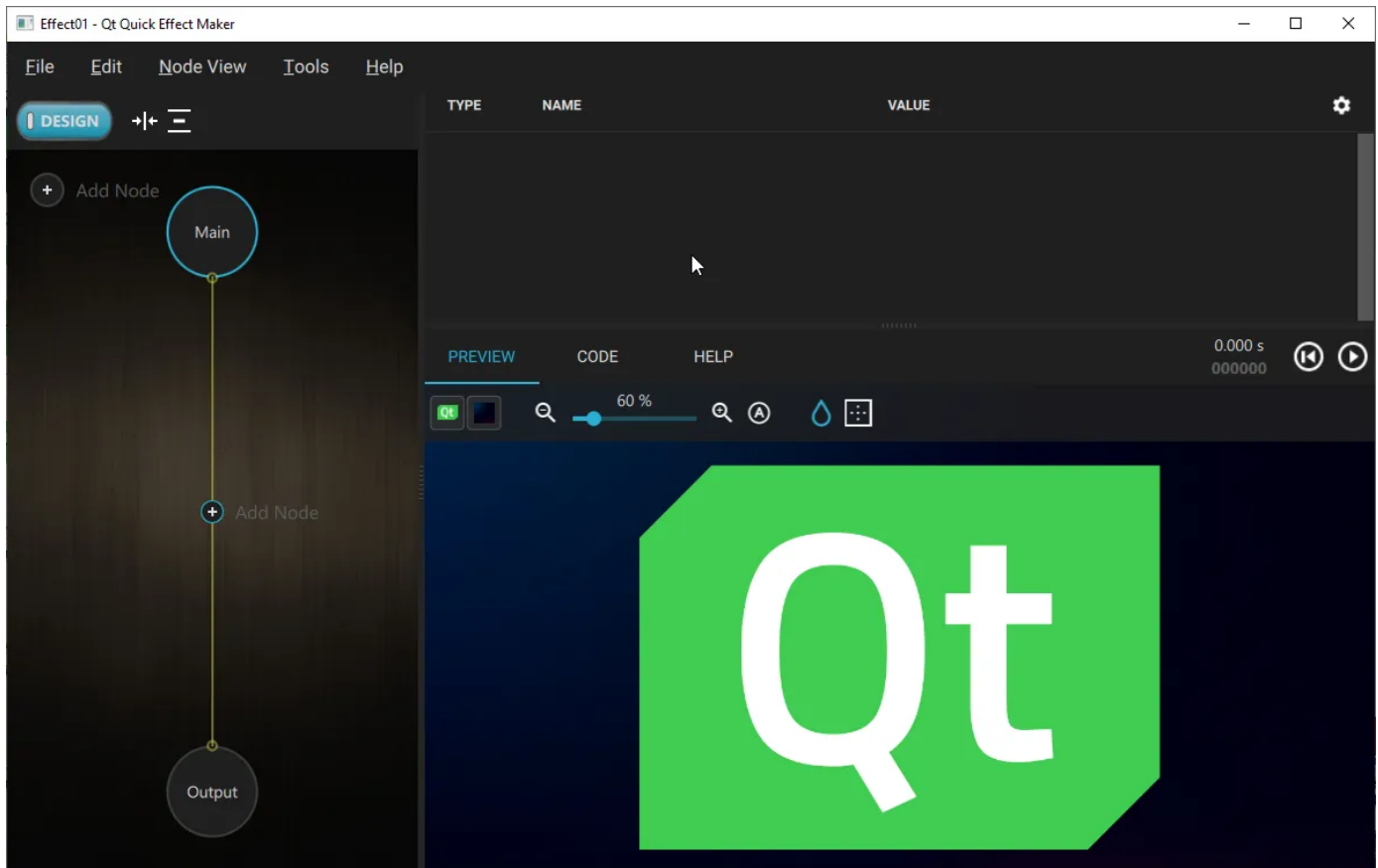


# Qt Quick Effect Maker



Qt Quick Effect Maker is a tool for creating shader effects for Qt Quick with high productivity and performance. You can run Qt Quick Effect Maker as a standalone tool but it is also integrated in [Qt Design Studio](#).



## Feature overview

The main features of Qt Quick Effect Maker:

- › **Live preview:** When you work with effects, you can see most changes instantly in the live preview.
- › **Node view:** In the node view, you visually build effects without coding. There are over 30 nodes, including most of the Qt Graphical Effects.
- › **Code view:** In the code view, you can edit the code of all effect node shaders. The code editor features include GLSL syntax highlighting, auto indent, search, and more.
- › **Multieffects:** For increased performance, Qt Quick Effect Maker combines all the effects in one shader.
- › **JSON file format:** Qt Quick Effect Maker stores project and node file in JSON format, making it easy to share files for increased productivity.
- › **Shadertoy compatibility:** Variable naming in Qt Quick Effect Maker is mostly compatible with Shadertoy, making it easy to port Shadertoy shaders to Qt Quick Effect Maker and the other way around. Most shadertov featurers and some extra features such as vertex shaders, custom

textures, and properties, are supported.

- > **Pure Qt Quick:** Qt Quick Effect Maker is implemented with Qt Quick (no QWidgets) and Qt Quick Controls. The work flow is designed for Qt Quick and Qt RHI.

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