

# Creating a New Node By Rendering To a Texture

Render a portion of the node tree into a new texture.

## Overview

You can create a texture from some portion of on-screen content with `texture(from:)`, or its variation, `texture(from:crop:)`. Both of these functions are available for scenes rendered by `SKView` or `WKInterfaceSKScene`.

There are a couple reasons you might want to do this, for example:

- >> Creating a new sprite node whose texture reflects prior shading done with `SKShader`
- >> Flattening a hierarchy of nodes into a texture, either for performance, or to apply some effect. Note that this can also be done using `SKEffectNode` and setting `shouldRasterize` to true.
- >> Breaking apart an existing node into separate nodes, for example, for an explosion effect.