

NODE

View online: <https://www.construct.net/en/make-games/manuals/construct-3/project-primitives/flowcharts/flowchart-node>

The node is the main component of a **flowchart**. It represents a state the flowchart can get into and can hold arbitrary data in the form of **outputs**, similar to having a small amount of **Dictionary** data in each node.

The information a node holds can be queried at runtime using the **Flowchart Controller** plugin.

Creating nodes

To create a node in a flowchart, open a **Flowchart View** for it from the **Project Bar** and then right-click in any empty space of the Flowchart View and select the **Add** option from the context menu. Doing that will create a node at the position of the pointer.

For more information on further editing of nodes, see the **Flowchart View** section of the manual.

Node properties

Tags

A string used to identify a node at runtime. Multiple different tags can be assigned by separating them with a space. The Flowchart Controller plugin has several actions, conditions and expressions that can be used with one or multiple tags to target specific nodes.

Start node

A boolean property specifying the first node a flowchart will be in once it is instantiated at runtime.

Enable

A boolean property indicating if the node is enabled or not. A disabled node is ignored at runtime and the flowchart state will not go past it. A disabled node can be bypassed at runtime if it has a default output set.

Caption

An editor-only property. This is an optional name that can be given to a node to help distinguish it from others.

Color

An editor-only property. This is an optional color that will be applied to the border of the node.

Preset

An editor-only property. Indicates if the node is a preset or not. Preset nodes can be used as a base to create new nodes.

Outputs

A list of the outputs each node has.

Parent Index

In the case a node is connected to multiple parent nodes, this property appears and displays an index that can be given to each parent. Used by some actions and expressions in the case a node has more than one parent.