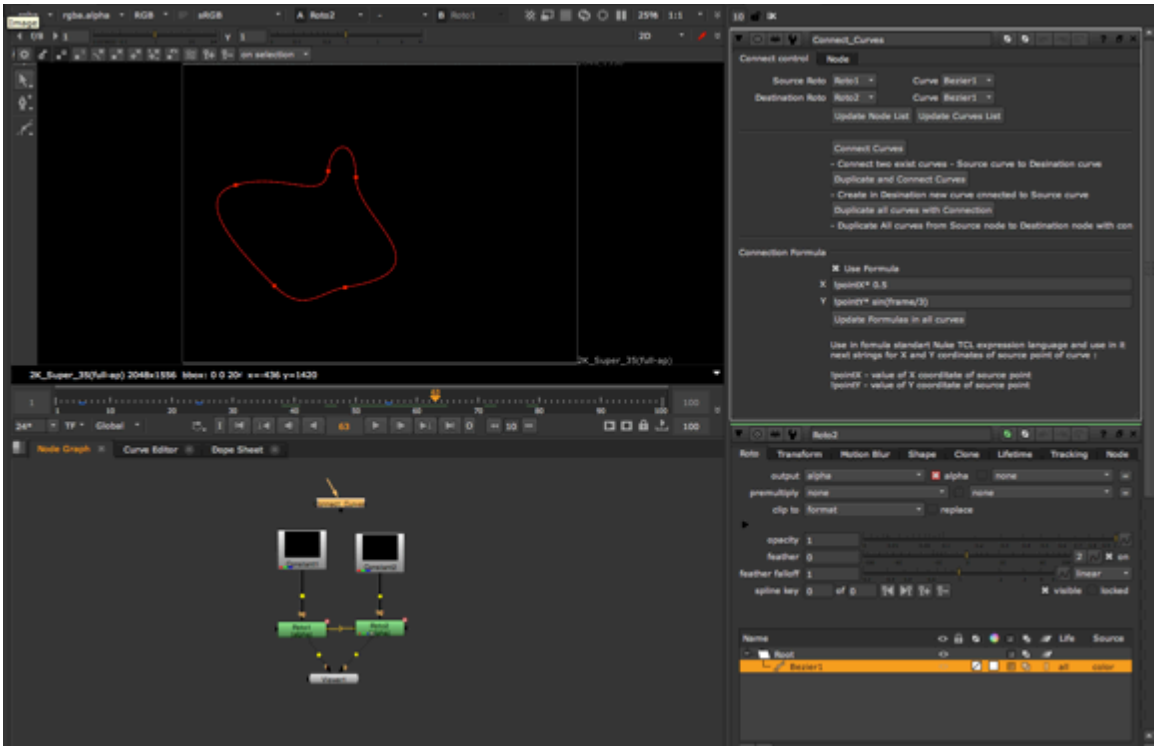
Overview

Connect_ Curves is a custom tool inside Nuke, that help seamless connect several Bezier splines in one Roto node with same number splines in another node. Splines connected by TCL expressions for each points. To make this manually - it need to set up 12 expression per each point. Tool can connect any number of curves. In addition user can make not only direct connection point to point. But support connection with formula. FFormula is automatically applied to each point of the curve. Formula entered directly in node, not required Python knowledge. It used usual TCL expressions syntaxes

Usage

Connect_ Curves tool is usable when it is necessary to simultaneously apply expression points of the curve and to be able to animate it with a keys

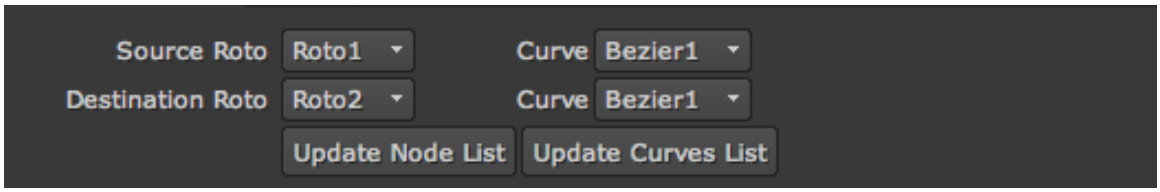


This version is first prototype of this tool. Current version have next limitation and condition of its correct working:

- Current version of tool support Bezier curves only
- Current version not support feather points
- In current version tool is a single node, not gizmo

Connect_ Curves Tool Controls

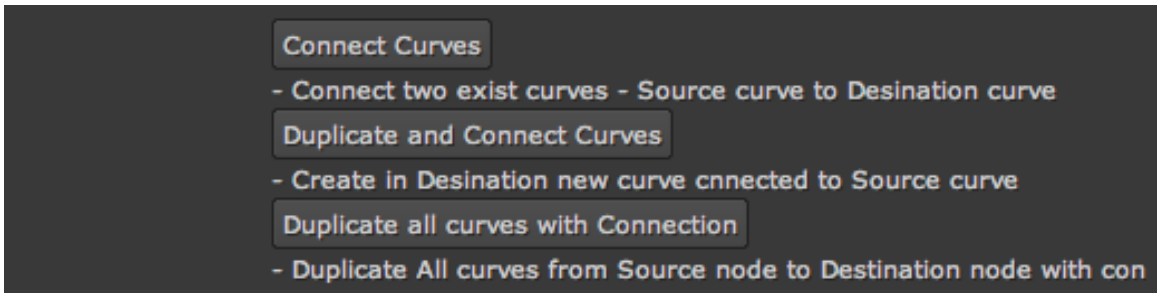
Source and destination setup
Select correct source and destination Roto node, and than curve. Use «Update Node List» and «Update Curves List» buttons before select



Button "Connect Curves":
Connect two exist curves with same number of points. It required to setup Rotos and Curves as source and destination

Button "Duplicate and Connect Curves":
Duplicate one selected source curve in source Roto node to the destination Roto node. Destination Curve parameter is not used

Button " Duplicate all curves with Connection":
Duplicate all curves in source Roto node to the destination Roto node. Destination Curve parameter is not used



Connection Formula area:

Use formula – check on if you want to use formula. Parameter used only in moment when button pressed
X,Y – put TCL formula here for X and Y coordinates of points
Update Formulas in all curves – press this button if you change **"Use formula"** checker of change formula