

## CorelDraw - Node reduction tutorial

**Symptom:** A file created in CorelDraw cuts VERY slowly.

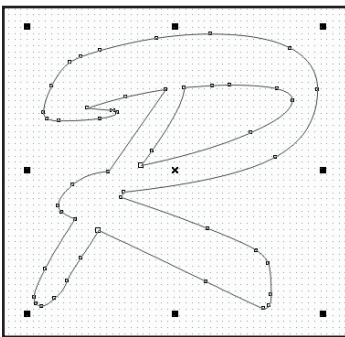
**Cause:** There are a few reasons for this problem and depends on a few factors;

- 1) The font used.
- 2) Whether contours are created.
- 3) The version of CorelDraw.

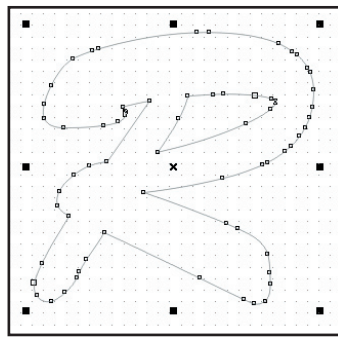
**Solution:** Corel "node reduction" tool.

**Examples:** As an example let's look at 2 different versions of CorelDraw with the same font and size.

### CorelDraw 9

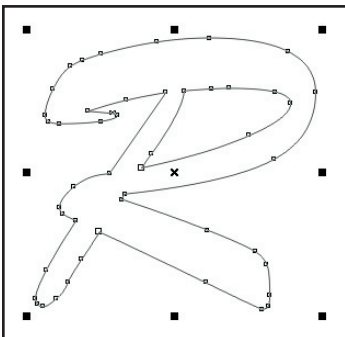


Converted to curves  
49 Nodes

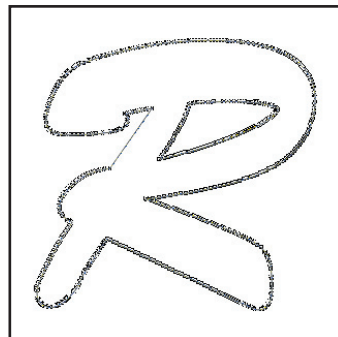


Contour of same design  
67 Nodes

### CorelDraw 10



Converted to curves  
49 Nodes

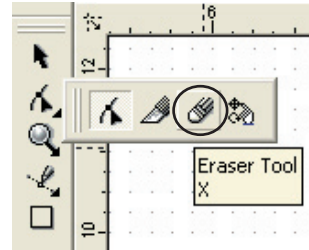


Contour of same design  
1239 Nodes

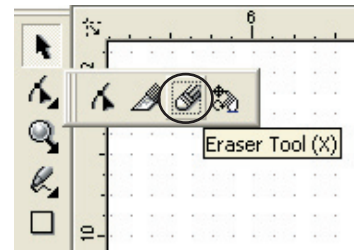
**NOTE:** The results for CorelDraw 11 & 12 are the same as CorelDraw 10.

## 1 Locating the "Node Eraser" tool.

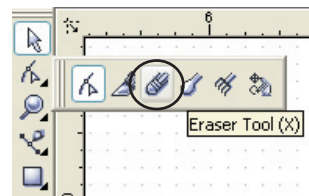
- 1) Open CorelDraw and a drawing or type a curvy letter like "S" or "R".
- 2) Convert it to curves so you can see the nodes.
- 3) Locate the "Node Eraser" tool (see below)



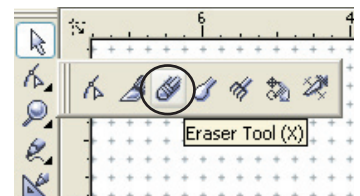
CorelDraw 9



CorelDraw 10



CorelDraw 11



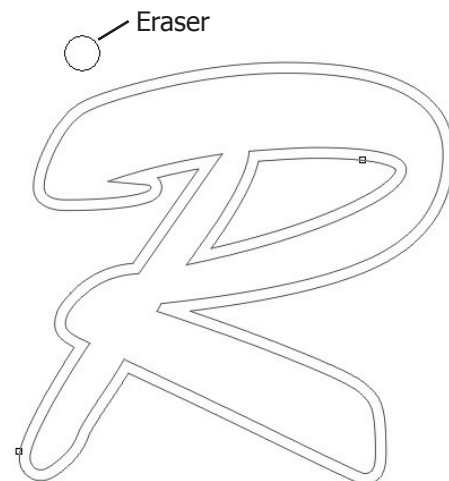
CorelDraw 12

4) Create a contour around the letter. *See CorelDraw help if you don't know how to create a contour outline.*

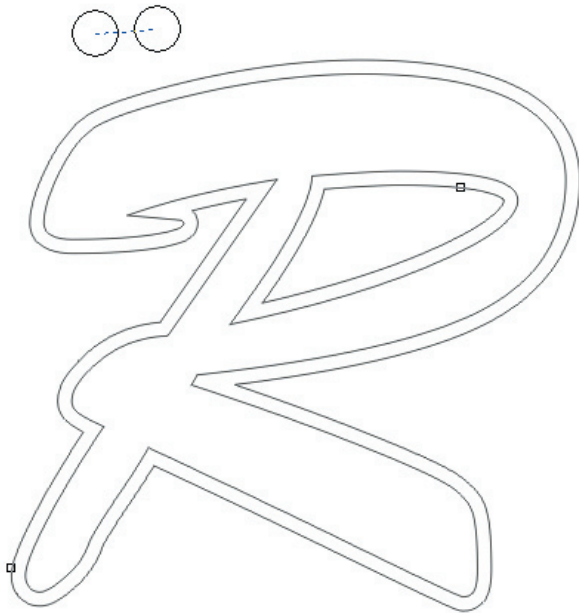
5) Separate the contour from the original. *Again see CorelDraw help for this procedure.*

## 2 Deleting Nodes

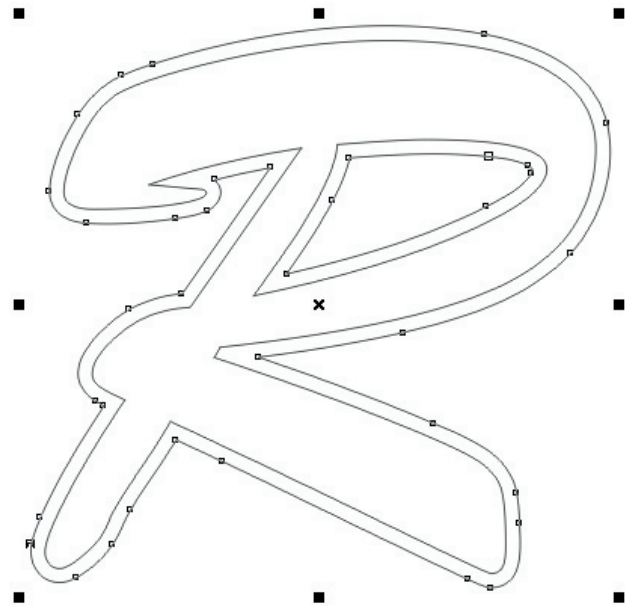
- 1) Make sure the letter is selected and click on the node eraser tool. You will have a circle for a mouse pointer.



2) Holding the circle close to the letter click the left mouse button once. A small dotted line will come from the center of the circle.



3) Move the circle just to the right of the first one and click the left mouse button again (just once)



4) After clicking the second time you will see the contour has considerably less nodes