

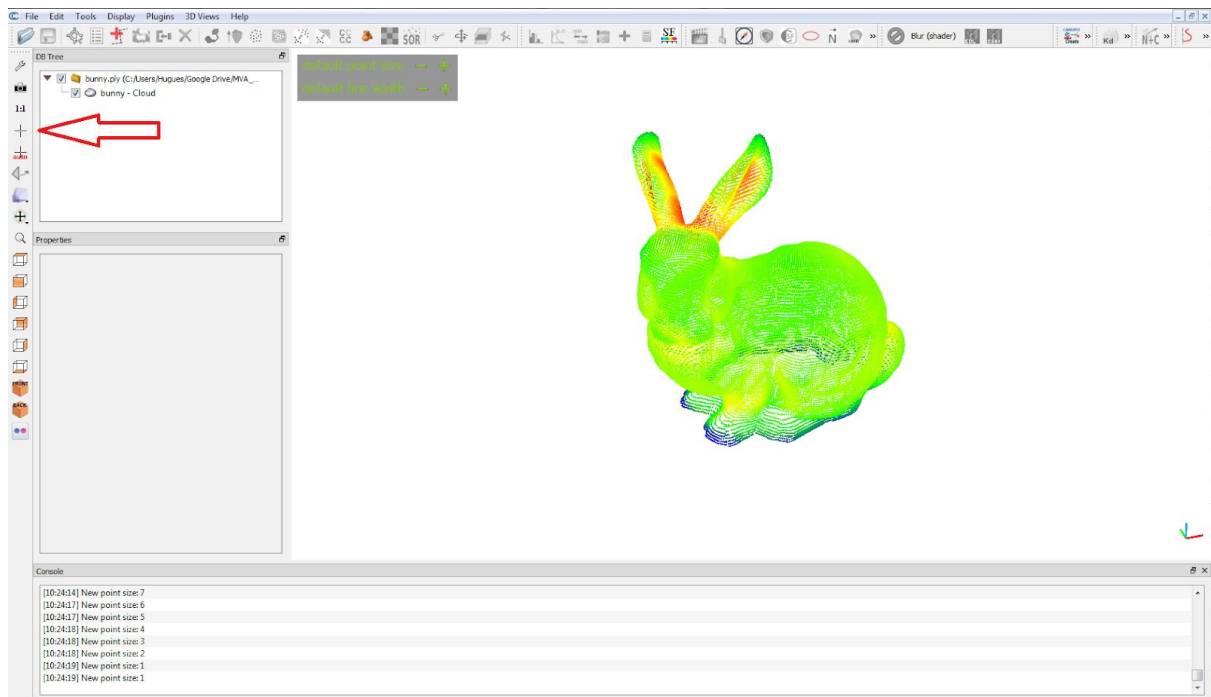
– MVA NPM3D –

CloudCompare Cheat Sheet

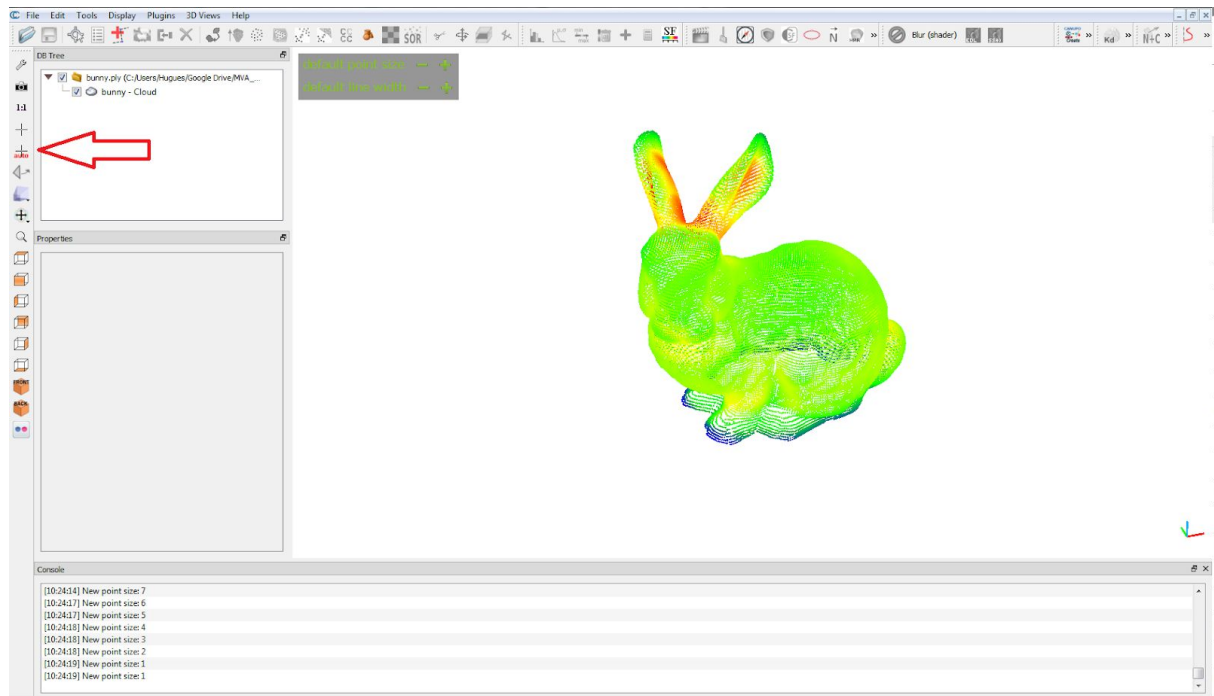
NPM3D - January 14th, 2019
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A. Basic operations

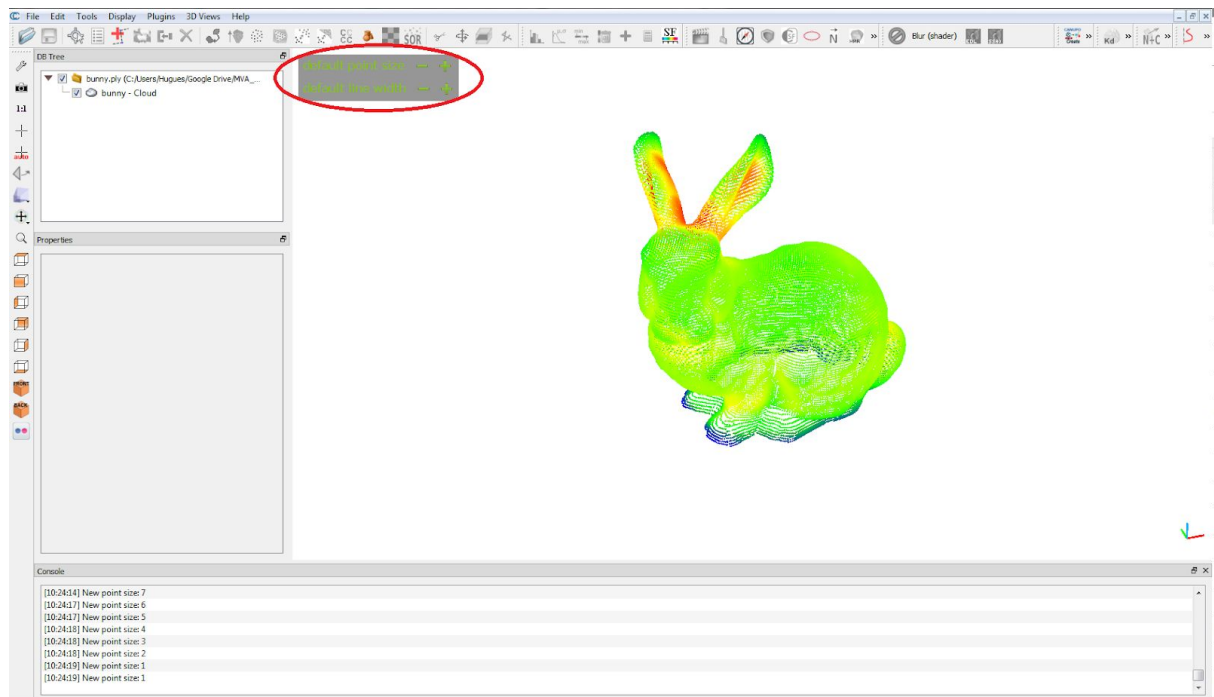
- ▶ Open a ply file
drag and drop the file in CloudCompare or “File > Open > Choose file”
- ▶ Change the rotation center of the scene



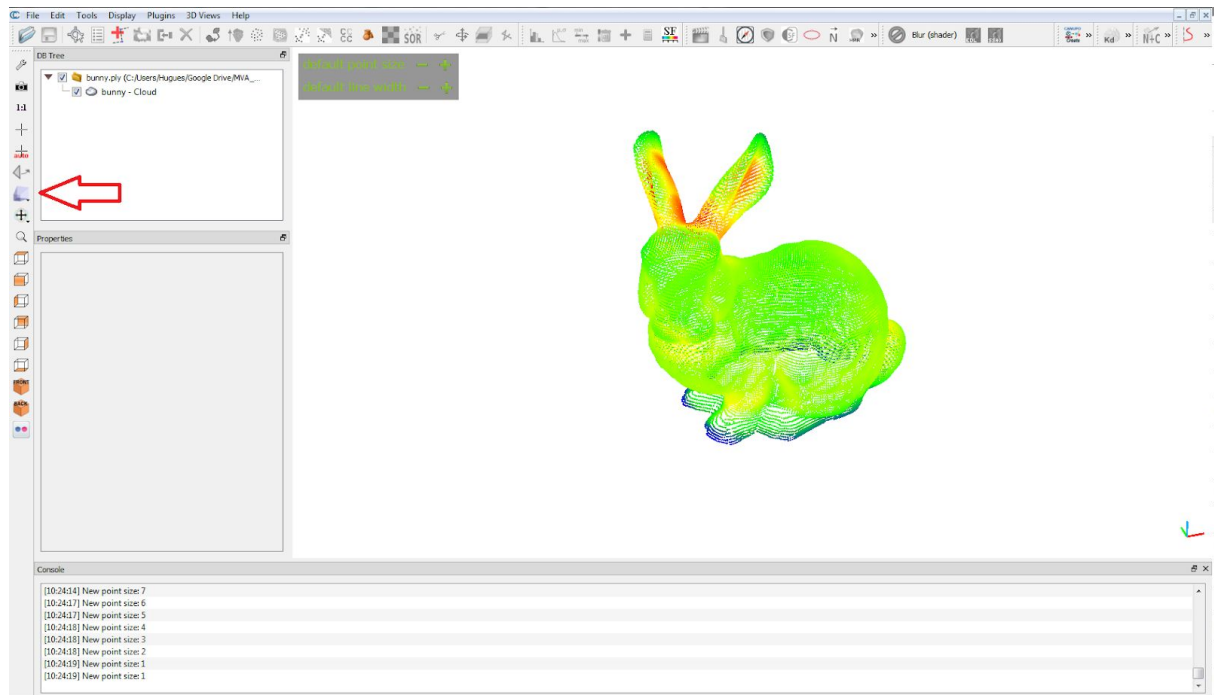
- Switch automatic centering on/off



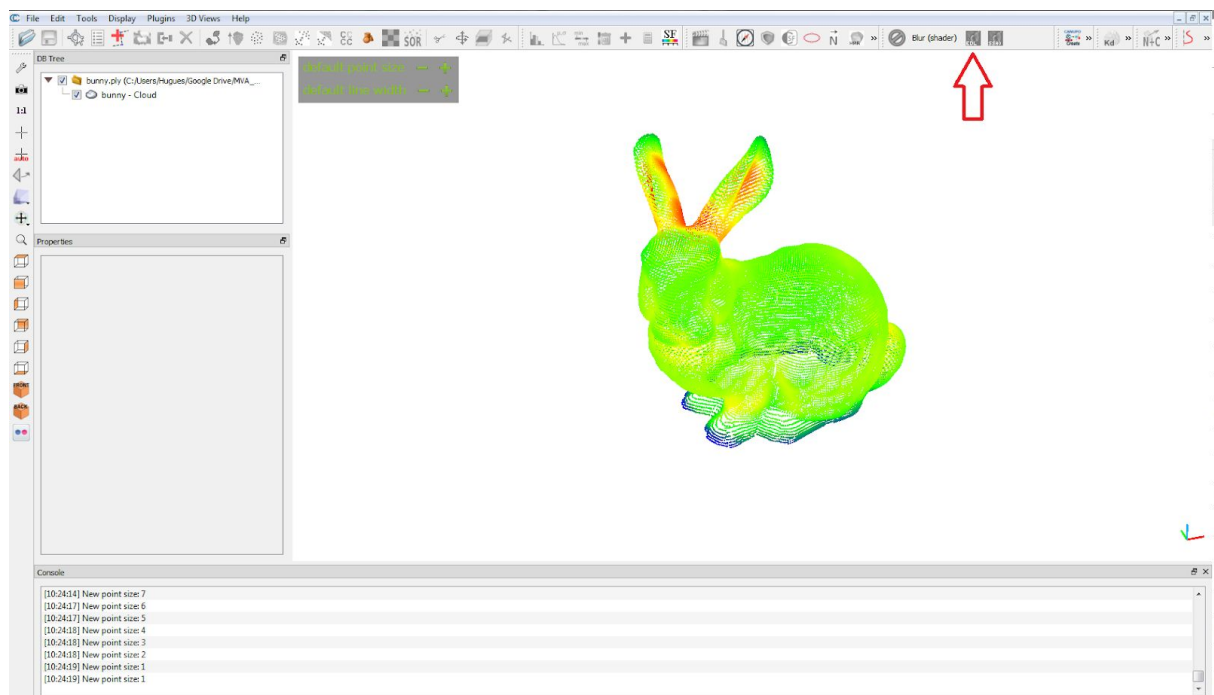
- Change point size



- Change type of camera (orthographic projection, perspective projection)

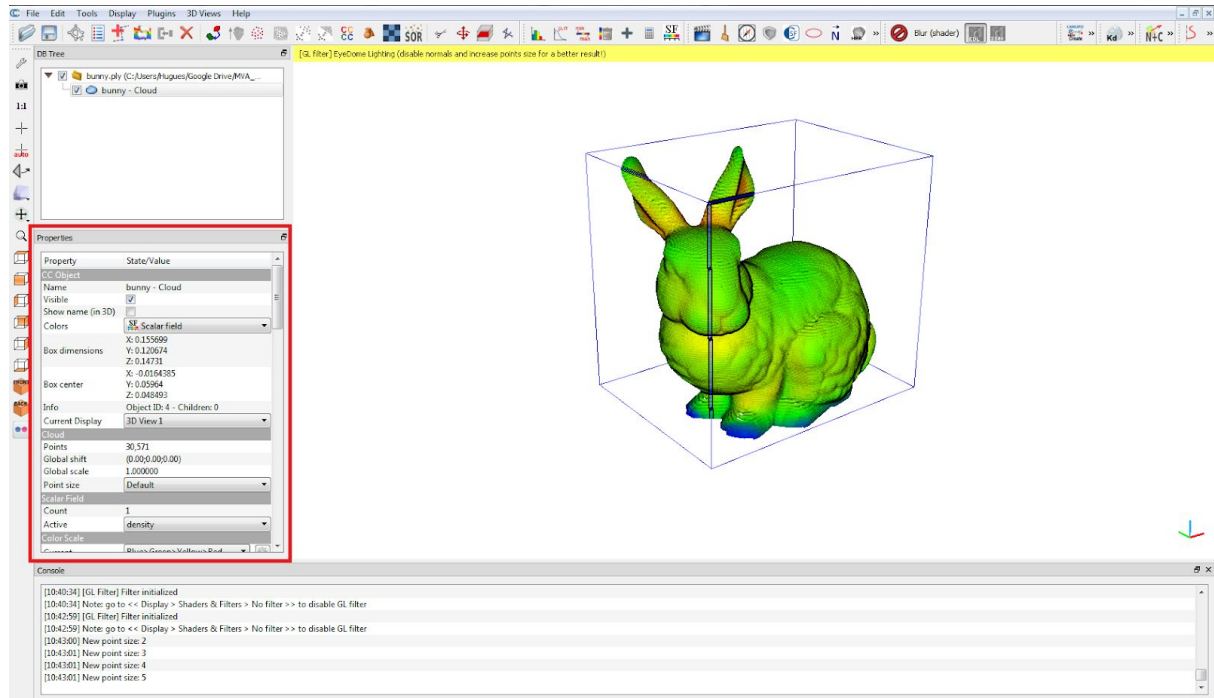


- Activate Eye-Dome-Lighting (EDL)



B. Cloud manipulations

You can select a cloud either by clicking on it in the visualization window, or clicking on its name in the file tree on the left panel. It will open its “Properties” window :



- ▶ In the “Properties” window, you can find many details on the point cloud like the number of points, the dimensions, etc.
- ▶ In this panel, you can also choose which information is used to color the points (Scalar field, RGB values or None).
- ▶ When scrolling down in this panel, you will also see an histogram of the scalar field values. You can play with the color scales by dragging the blue and red triangles, and with the display limits by dragging the white circles.

