
SetDirectory["C:\drorbn\AcademicPensieve\2013-04\Elephant"]
C:\drorbn\AcademicPensieve\2013-04\Elephant

Rasterize[el = Import["elephant.3ds"]]

![Elephant Image](image-url)
Rasterize[elephant = Import["elephant.stl"]]

http://drorbn.net/AcademicPensieve/2013-04/Elephant/#MathematicaNotebooks
Show[el, Boxed -> True, Axes -> True, AxesLabel -> {x, y, z}] // Rasterize
DeleteCases[el, _RGBColor, Infinity] // Rasterize

Length @ Cases[el, Polygon[l_] :> Polygon @@ l, Infinity] // Union
{3}

List @@ el /. _GraphicsComplex :> Here
{{EdgeForm[], {Here, Here}}, Boxed -> False, Lighting -> Neutral}

{{EdgeForm[], {Here, Here}}, Boxed -> False, Lighting -> "Neutral"}
{{EdgeForm[], {Here, Here}}, Boxed -> False, Lighting -> Neutral}

gcl = Cases[el, _GraphicsComplex, Infinity][[1]]
\[ \text{gc2} = \text{Cases[el, _GraphicsComplex, Infinity]][[2]] \]

A very large output was generated. Here is a sample of it:

\[
\text{GraphicsComplex}[
\{\{0.253605, -1.45347, 0.0953362\},
\{0.568858, -2.45196, -0.0673456\}\}, \{0.56874, -2.45196, -0.0673457\}\}, \{0.223446, -1.46925, 0.0965511\}, \{0.253487, -1.45347, 0.0953363\}\}
\]

\[ \text{Graphics3D[\{EdgeForm[], \{gc1, gc2\}\},
\text{Boxed} \to \text{False}, \text{Lighting} \to \text{"Neutral"}]} \] // Rasterize
Graphics3D[{{gc2}}, Boxed -> False, Lighting -> "Neutral"] // Rasterize

A very large output was generated. Here is a sample of it:

GraphicsComplex[
    {{0.385466, -0.334883, -0.796122},
    {{-0.385466, -0.334883, -0.796122}, {0.405733, -0.378378, -0.434473}, <>6999},
    {0.568858, -2.45196, -0.0673456}, {-0.56874, -2.45196, -0.0673457}}, {{1}}]}
Graphics3D[gc, Boxed -> False, Lighting -> "Neutral"] // Rasterize
Graphics3D[
  {EdgeForm[], GraphicsComplex[gc[[1]], Select[gc[[2]], Random[] < 0.15 &]],
   Boxed -> False, Lighting -> "Neutral"] // Rasterize
]

gc[[1]] >> ElephantVertices.m