





AC3D Terminology

Vertex: 3D position, possibly with texture coordinates

Surface: a linked list of vertices, which may be displayed as a polygon, a polyline (closed, piecewise linear curve), or a line (open, piecewise linear curve)

Object: a collection of surfaces

Group: a collection of objects that can be organized hierarchically

Johns Hopkins Department of Computer Science Course 600.460: Virtual Worlds, Spring 2000, Professor: Jonathan Cohen

















Normals

Polygon vertices on basic, closed shapes are created in CCW order when viewed from outside

Normals are created to be pointing outward

Surfaces of revolution may be created with wrong orientation

- check with backface culling
- use flip normals to fix

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