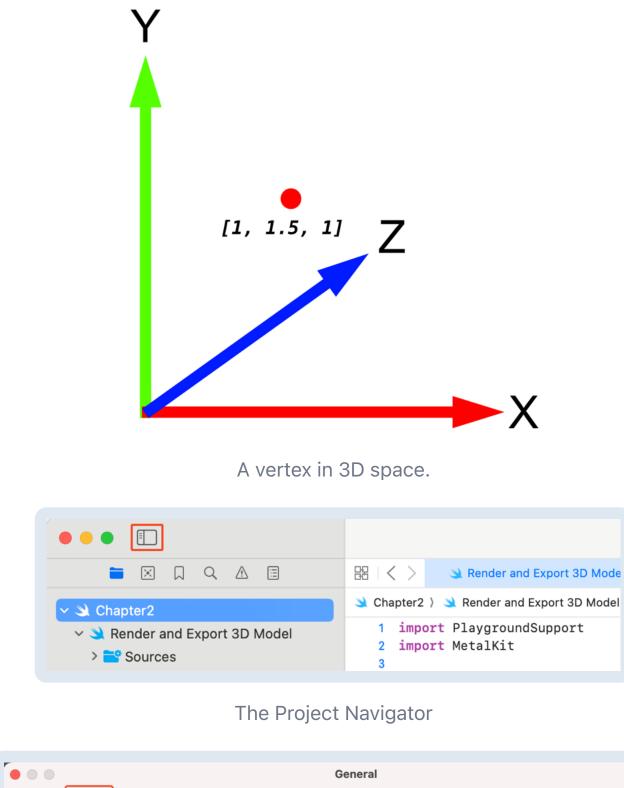
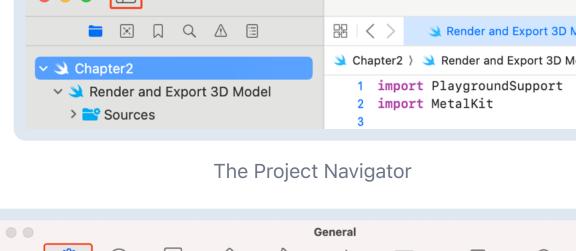
# 2 3D Models

What Are 3D Models?





Appearance: System Issues: Show Inline ✓ Show live issues Continue building after errors Mac Test Parallelization: Locked Files: Automatically unlock files File Extensions: Show All Navigator Size: System

Accounts Behaviors Navigation Themes Text Editing Key Bindings Source Control Platforms Locations

Simulator Test Parallelization: **Show File Extensions** 

A sphere rendered in wireframe.

Line/Edge -

Vertex Face

Vertex, line and face. **Creating Models With Blender** 

**Blender** 

**Ľ**∨ ViewLayer

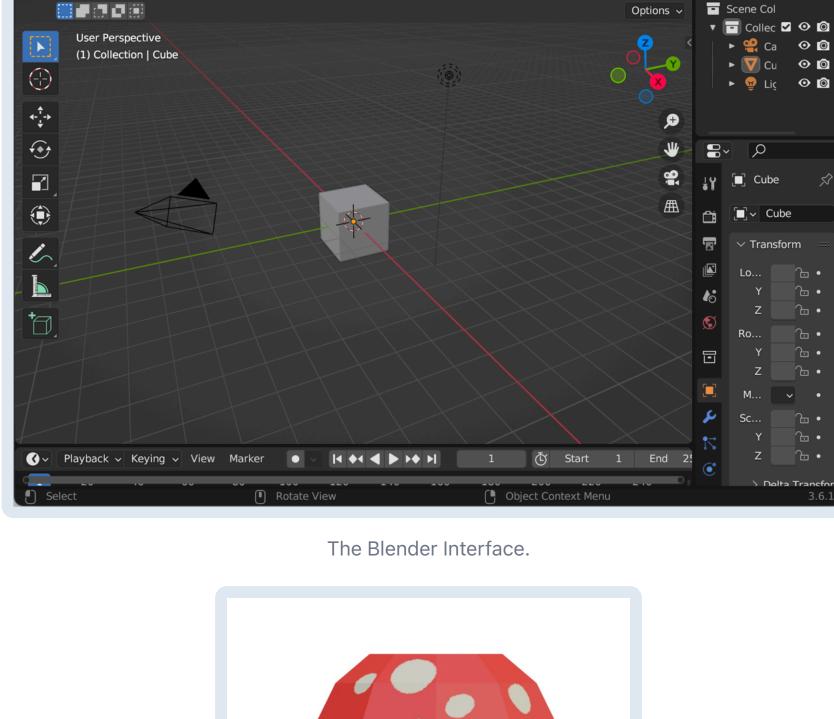
Layout Modeling Sculpting U\ 6 V Scene

# User Perspective (1) Collection | Cube

🚅 🗸 🔳 Object Mode 🗸 View Select Add Object 🔀 Global 🗸 🔗 🔊 🖟 🔻 💽 🔨

• • •

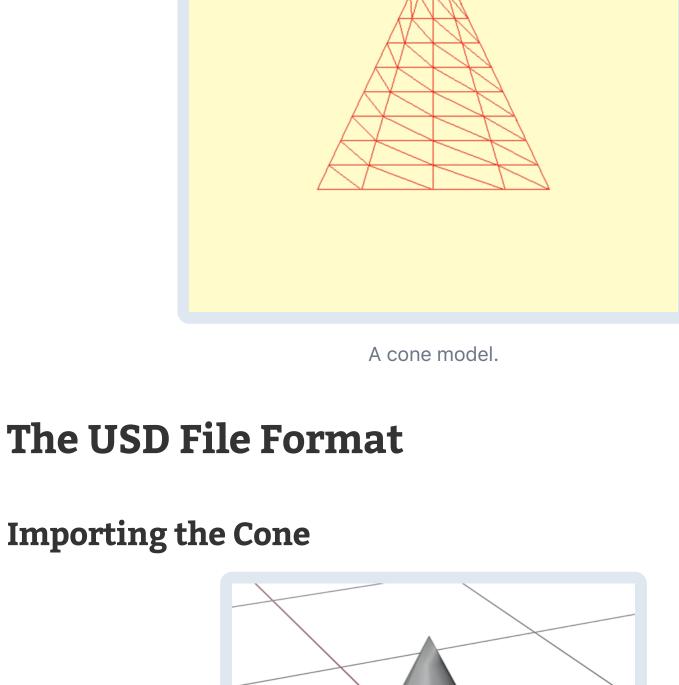
File Edit Render Window Help

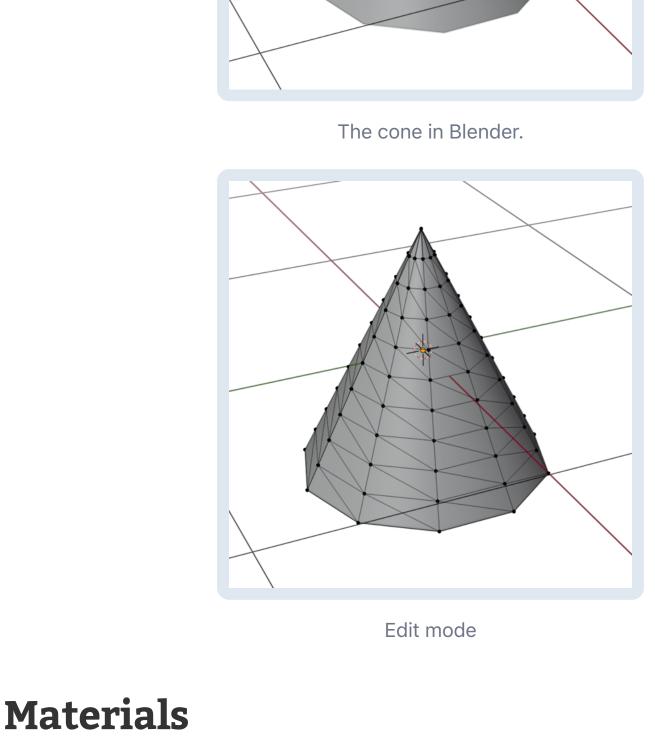


**3D File Formats** 

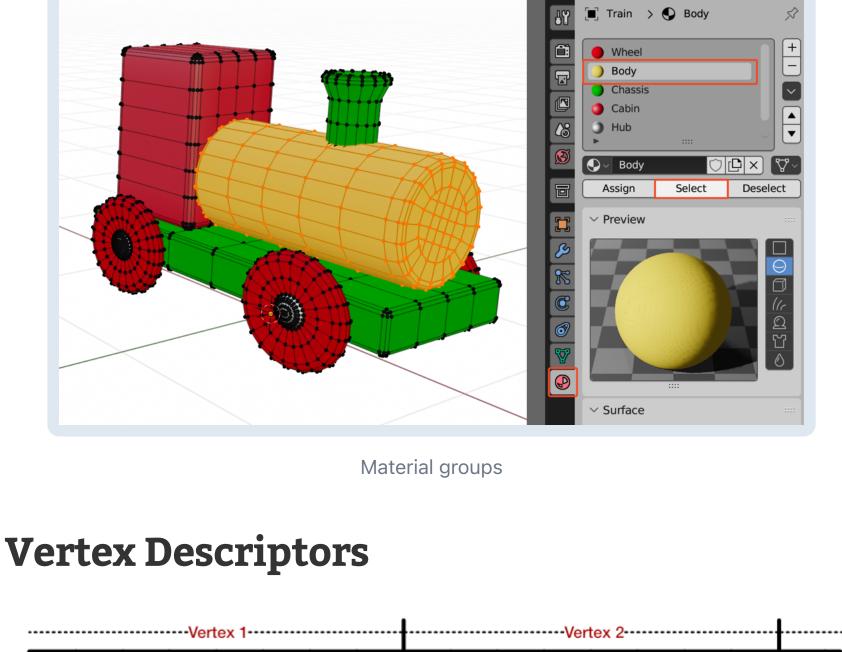
A mushroom modeled in Blender.

**Exporting to Blender** 





**Material Groups** 



0.10.2

float3

Position

0

0.2

The vertex descriptor

The train in edit mode.

Select

0.2

float2

Texture Coordinates

0

float3

Normal

Deselect

[-1, 1, 1]

[-1,-1, 0]

0.5

float2

Texture

Coordinates

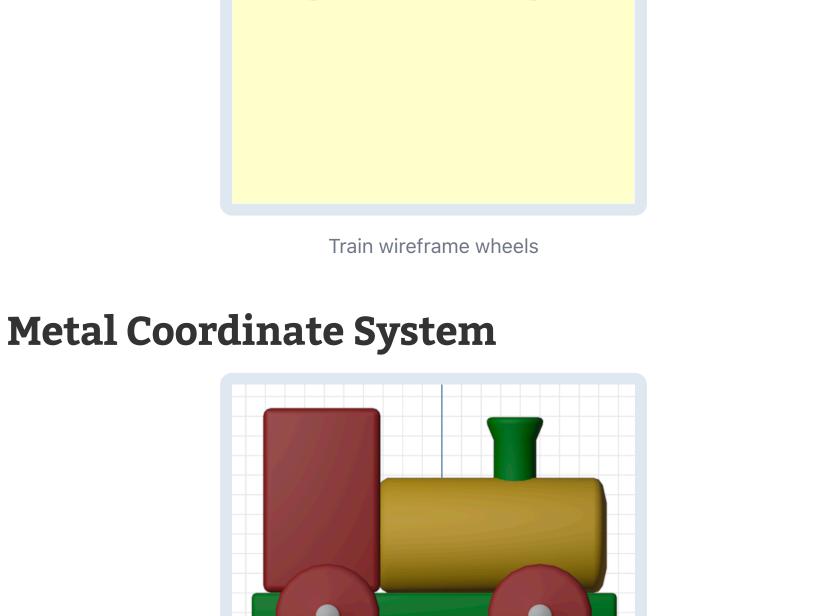
float3

Normal

0

float3

Position



Origin

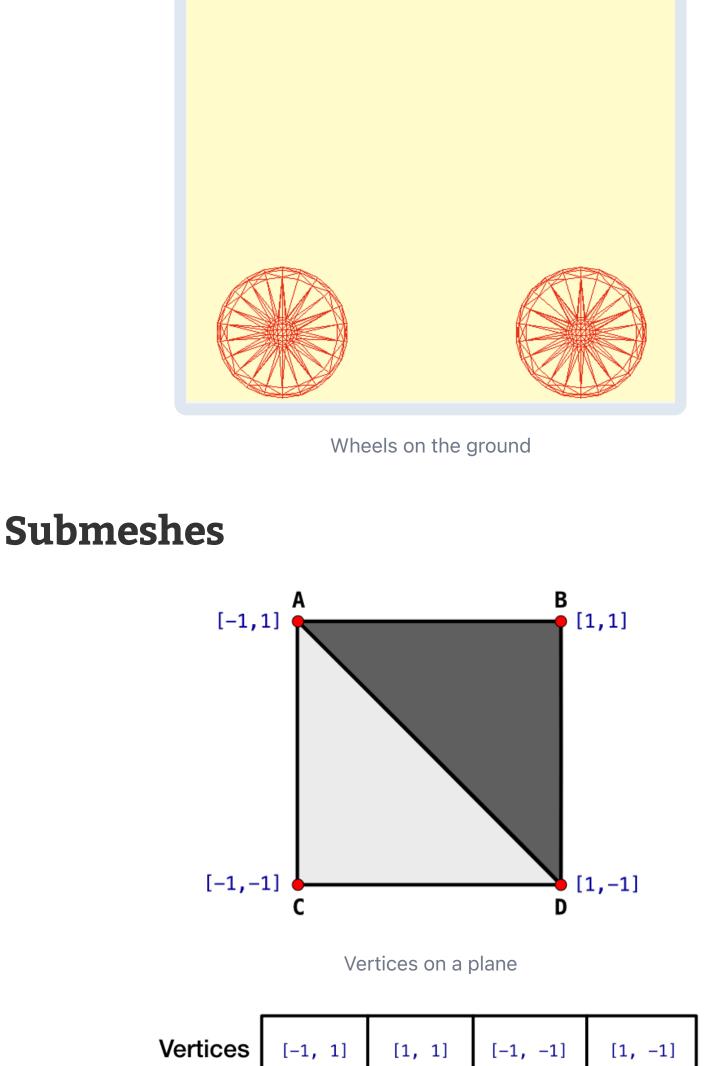
[1, 1, 1]

[1, 1, 0]

The origin

NDC - Normalized Device Coordinate - system

Center [0, 0, 0.5]



В

**Triangle ACD** 

✓ C

3

Triangle ADB

D

**Winding Order** 

Submesh Indices

