

glTF in Unreal Engine

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glTF in Unreal Engine

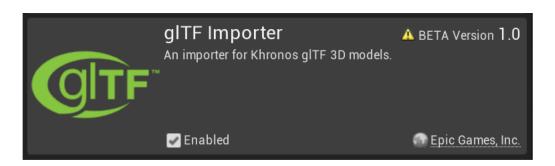
- Static Meshes, Materials, Textures
- "Experimental" in UE 4.19 Try it now!

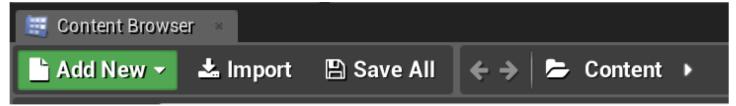
• Help us prioritize features of the *next* release

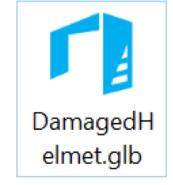


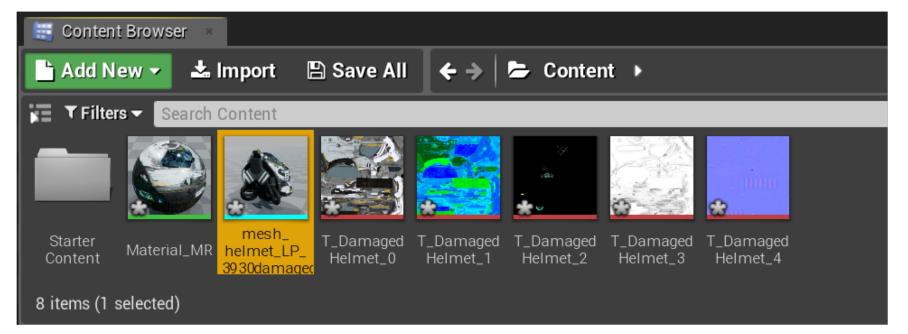












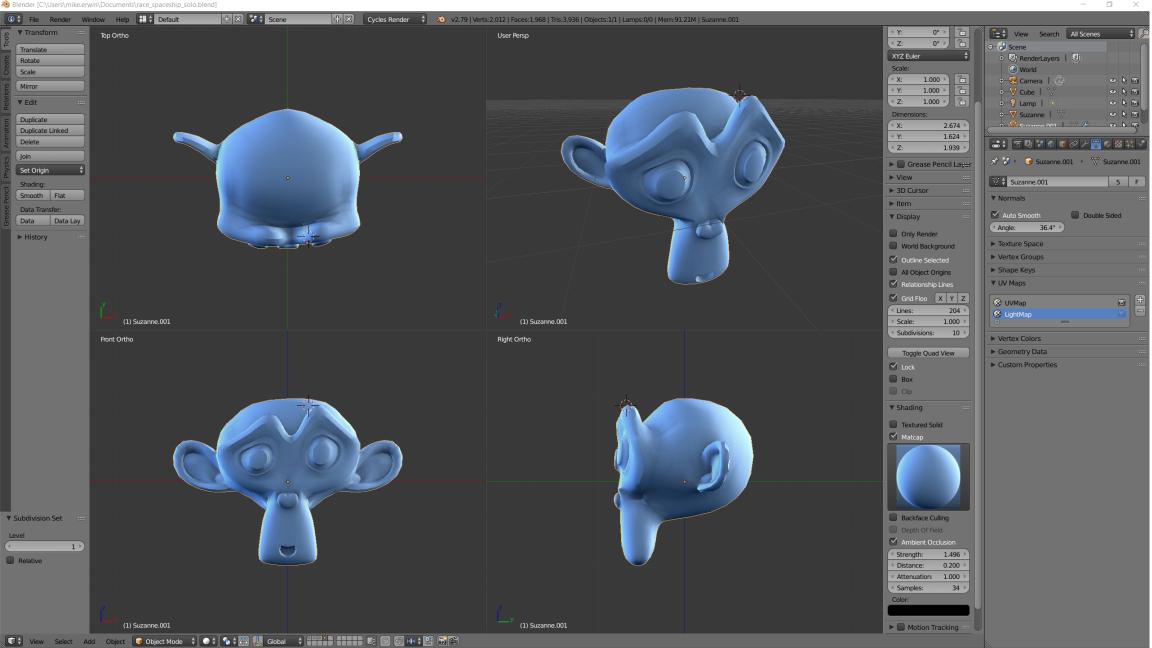


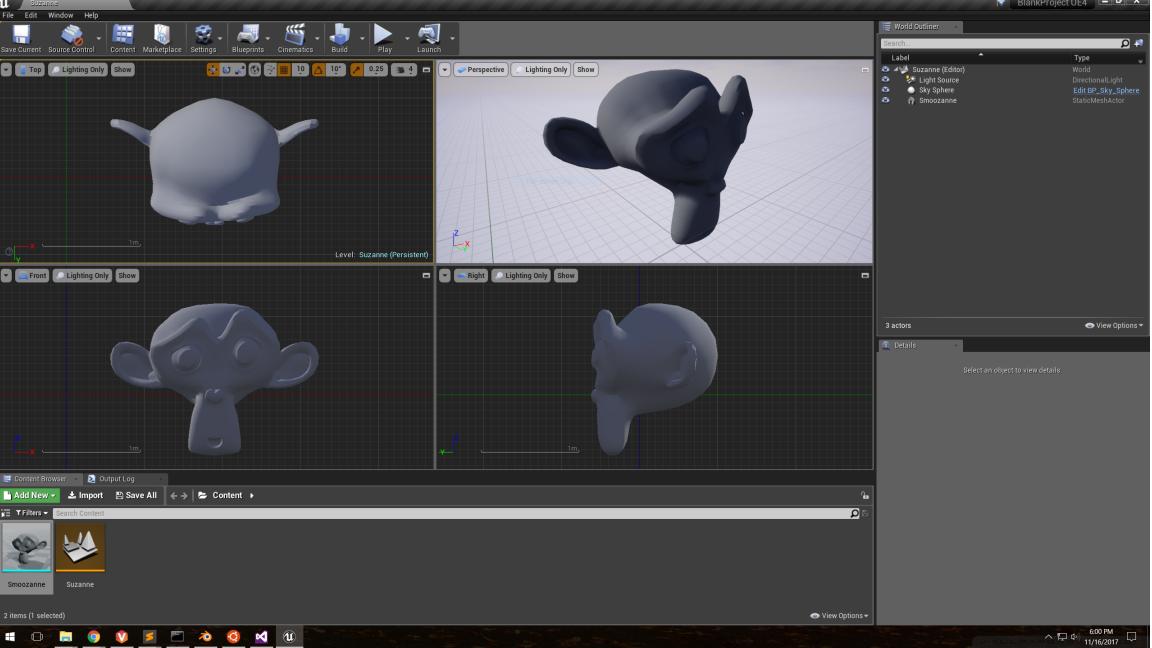
Level: Minimal_Default (Persistent)

glTF takes guesswork out of import



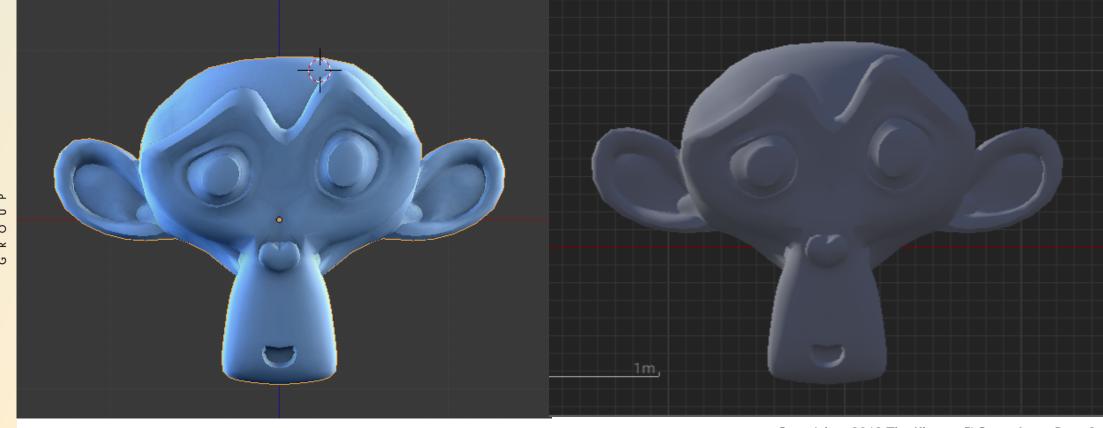
7:31 AM - 18 Sep 2015 Copyright ©2018 The Khronos™ Group Inc. - Page 5





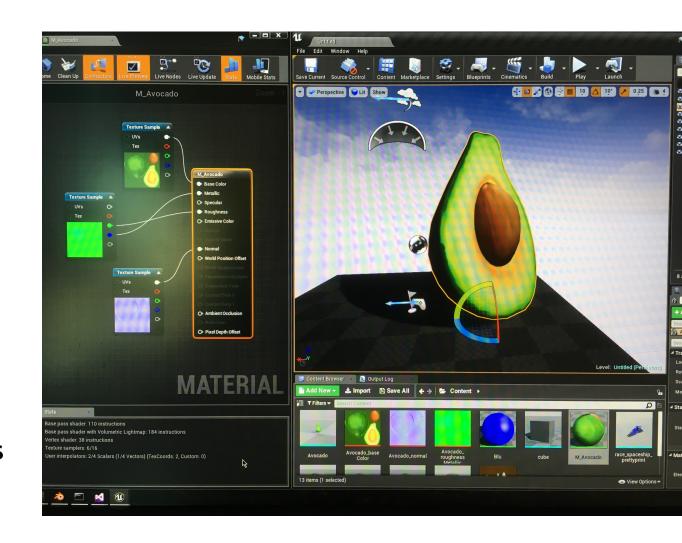
glTF takes guesswork out of import

- Scale, Orientation
- Vertex Normals, Smooth Surfaces & Sharp Edges

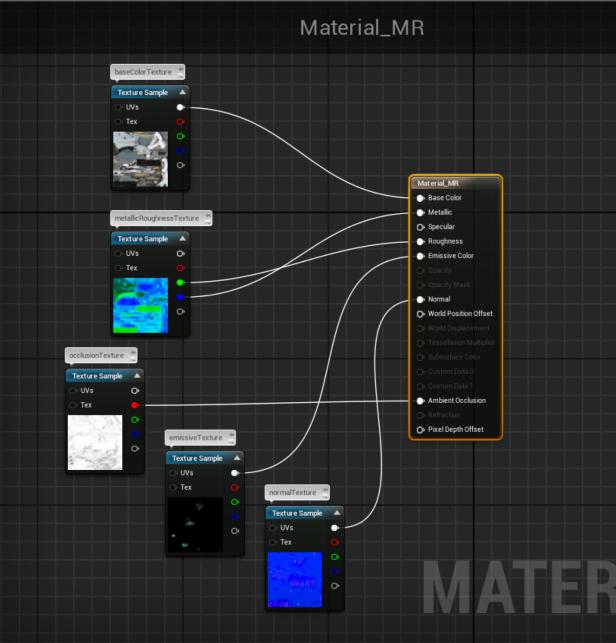


Materials

- Metal + Roughness PBR
 - Closest to Unreal Mats
- Normal Maps
- Transparency
- Emissive
- Occlusion
- Editable Node Graph
- Can have multiple per Mesh
- Can keep material slots & swap in full Unreal materials







Why use gITF when making games?

Isn't glTF a web thing?
More like the PNG of 3D

- Predictable import / export saves artists time
 - Not sideways
 - Not 100x too small / too large
- Material model is rich enough for most uses
- Open format!
 - Public spec
 - Sample models
 - Validator
 - Anyone can implement

