Presentation

An introduction to real-time presentation

Presentation|Overview

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In this lesson we'll cover two main software packages used to present real-time 3D models.

Artists may use engines such as Unity and Unreal to present their work especially for environments, however Marmoset Toolbag and Sketchfab are common options for characters and props.

Marmoset Toolbag and Sketchfab provides artists with a real-time render solution that is quicker and easier than setting up presentations in a game engine.

Sketchfab|Overview

Sketchfab
Your 3D content online and in VR

Sketchfab models can be uploaded and edited directly from their website: https://sketchfab.com/feed
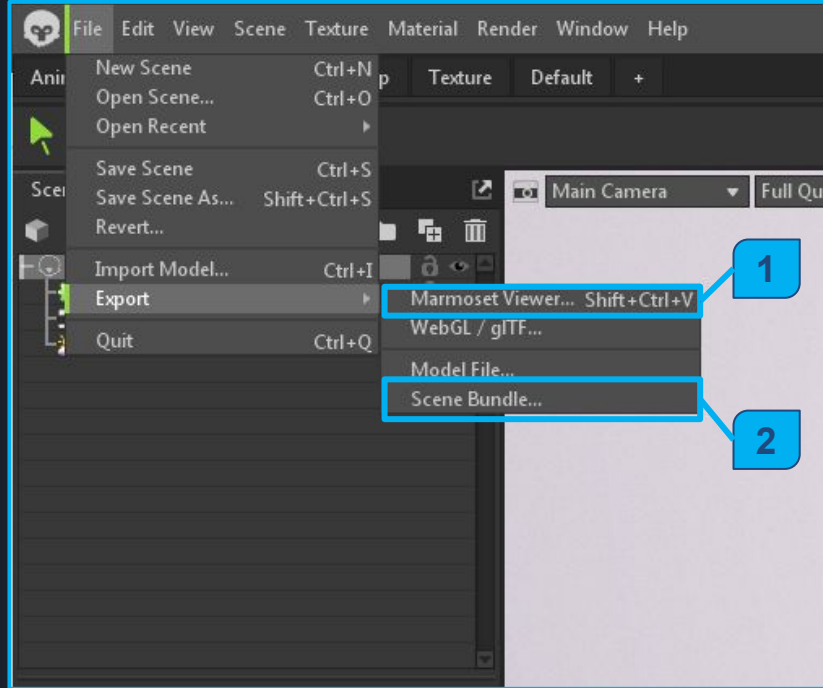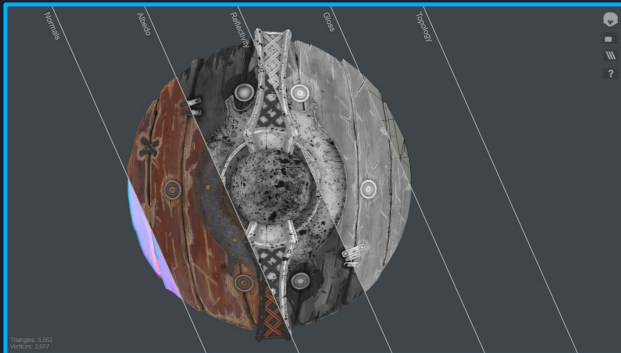
Sketchfab will require the user to first create an account before uploading their model. Once the model has been uploaded textures can be uploaded and assigned to your model.

Sketchfab's basic membership is free. Sketchfab is not only a model viewer, it's also a platform used to buy and sell 3D models.

Explore recent models that have been uploaded by visiting the sketchfab website: https://sketchfab.com/3d-models/popular

marmoset Toolbag|Overview

Marmoset Toolbag is a great solution for creating beauty shots or rendering animations. Toolbag has baking and texturing tools included, however toolbag is not free to use.

1. Marmoset can export models out into a viewer which can be embedded and viewed in a browser.
2. In order to view all your textures and materials of your scene on another computer the scene must be exported as a "scene bundle". By exporting as a "scene bundle" marmoset will create an assets folder which will include all meshes, texture, skies, and materials used in your scene.

Marmoset have great tutorials on their website:
https://marmoset.co/resources/

Summary|Which to choose?

In today's lesson we've learned about two software packages commonly used for presenting 3D models.

It is recommended to discuss with you teacher which software will be best suited for your assessment.

The image on the left is the final presentation image of a sword in Marmoset Toolbag.

Below is a link to the sword presented in Sketchfab for comparison:
https://sketchfab.com/3d-models/sword-42c3a2a2aeb840068f786dfaa2694159