RTX-Explore DXR Path Tracer

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Current Progress

MILESTONE I - Part 1

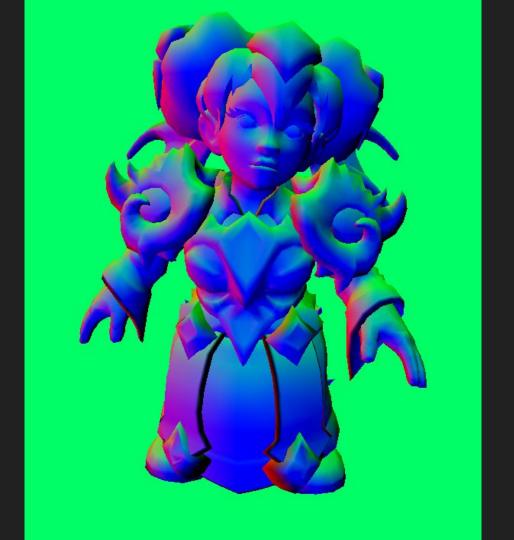
Ray tracing pipeline
Object Loading
Textures
Normal mapping





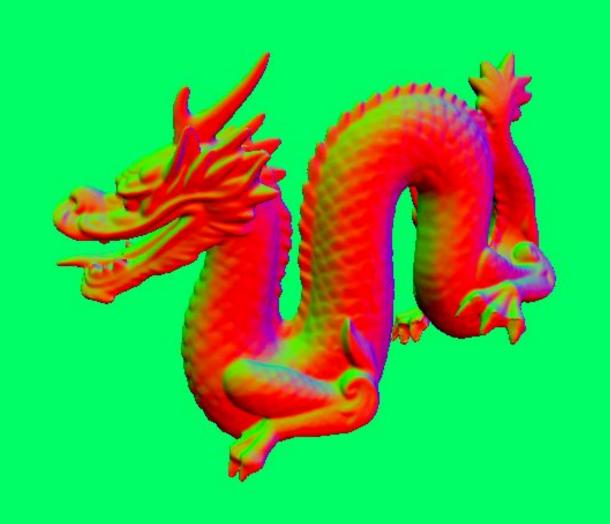






MILESTONE I - Part 2

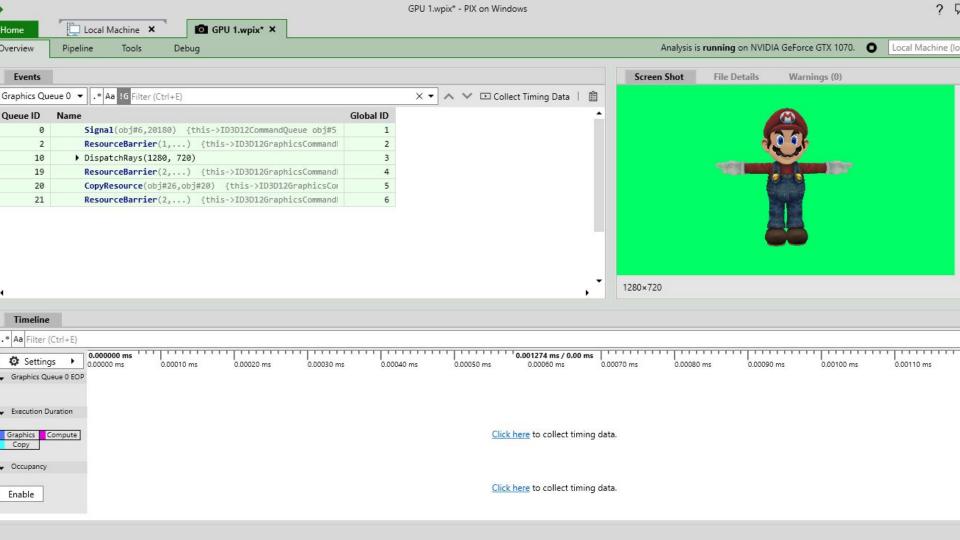
Basic Raytracing Setup
Fallback layer
Acceleration structure

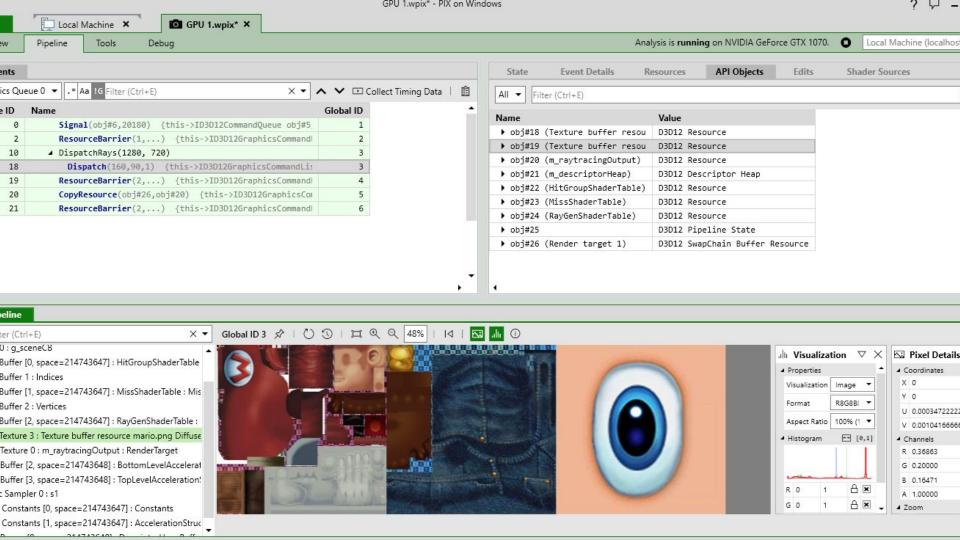


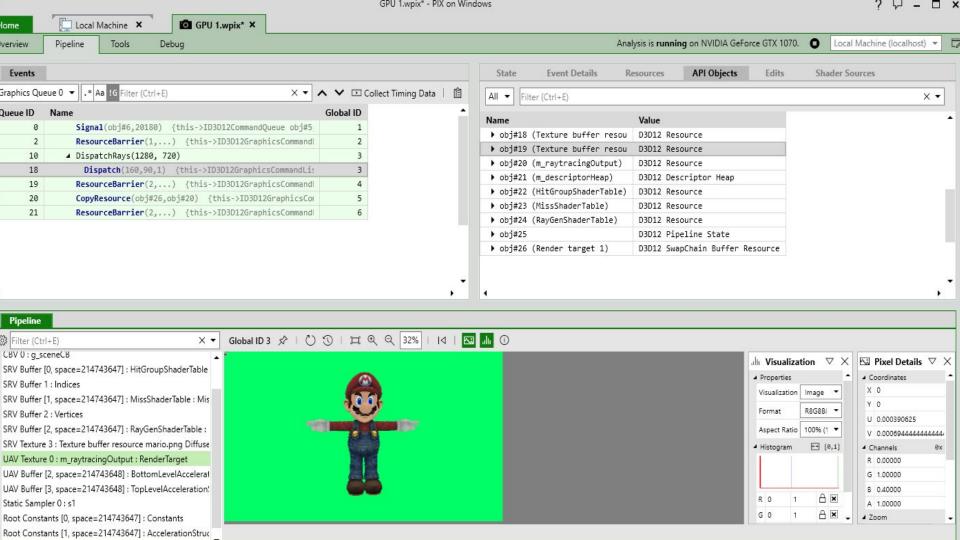


MILESTONE I - Part 3

Debugger Setup with Fallback layer







Upcoming Goals

MILESTONE II

Path Tracing set up
Scene loading
Diffuse/specular shading
AA & DOF

MILESTONE III

Fresnel & Schlick
Dispersion
Subsurface scattering
Other cool effects
Another application of raytracing (?)