Next dimension mapping
Cesium is 3D born in Aerospace
15,000+ downloads a month

Millions of end users

150+ contributor community
The Intersection of Computer Graphics and Geo

Computer Graphics
- Games
- Movies
- Visualization
- GPUs
- VR / AR / MR

Geospatial
- Maps
- Globes
- BIM
- Aerospace
- Cartography
CesiumJS Demonstration
Heterogeneous Data Interoperability

- Terrain and imagery
- Photogrammetry
- Point clouds
- Vector data

- 3D buildings
- BIM
- 3D models
Interoperability via Open Standards

- Runtime 3D format
- Chair, Khronos 3D Formats
- Spec Co-editor

- Massive heterogeneous 3D datasets
- Creators
- OGC Community Standard in-progress
Industry Support

The core of Microsoft’s 3D

Patrick Cozzi
@CozziPC

gltf is at the core of Microsoft's 3D for Everyone vision thanks to @IamSBTron and @bghgary. Paint 3D, Viewer 3D, rermix3d, Babylon, Office!!

3D efficiency and robust interoperability

API neutral

Autodesk Forge

https://www.khronos.org/gltf
Massive heterogeneous 3D datasets with semantics

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```
{  "show" : "$\{Area\} > 0",
   "color" : {
      "conditions" : {
         "$\{Height\} < 60" : "color(‘#13293D’)",
         "$\{Height\} < 120" : "color(‘#1B98E0’)",
         "true" : "color(‘#E8F1F2’, 0.5)"
      }
   }
}
```

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https://github.com/AnalyticalGraphicsInc/3d-tiles
Cesium ion demo