The Glass Walls Project: Sharing Science and Engineering in 3D

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William Sember
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The Glass Walls Project ...

...is a computer application which allows the users to navigate laboratories in 3 dimensions. The interactive experience contains various types of content, including 3D models, images, text, videos, and links to external documents.

Scope and Impact

While this demo focuses only on the lab navigation, the project would ultimately be hosted on web-servers. The Glass Walls Project could provide a cohesive, intuitive, open means for scientists and engineers world-wide to share their work and collaborate.

Capabilities

The project allows scientists and engineers to visually document their experiments and designs, share them with whomever they choose, and--essentially-turn their laboratory walls into glass.