



E-Commerce AR

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What is AR?

Augmented reality (AR) adds digital elements to a live view often by using the camera on a smartphone.

- Instagram Filters
- Pokemon Go



AR changing how products are discovered, explored and purchased online.

- Engaging
- Informative
- Intuitive
- Useful

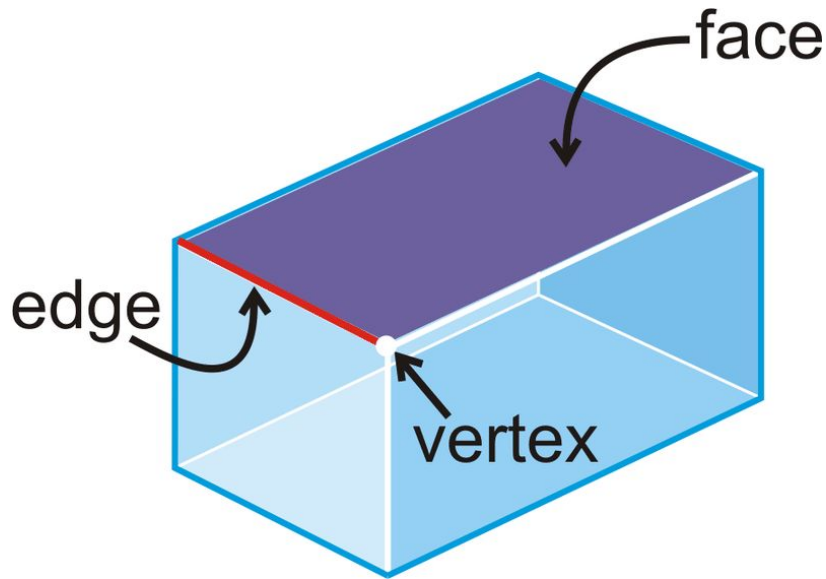


Build E-Commerce AR

- Setup a basic 3D model
- Setup Front-end
- Integrate Vectary Viewer & API

With meshes, everything is built from three basic structures:

- Vertices
- Edges
- Faces



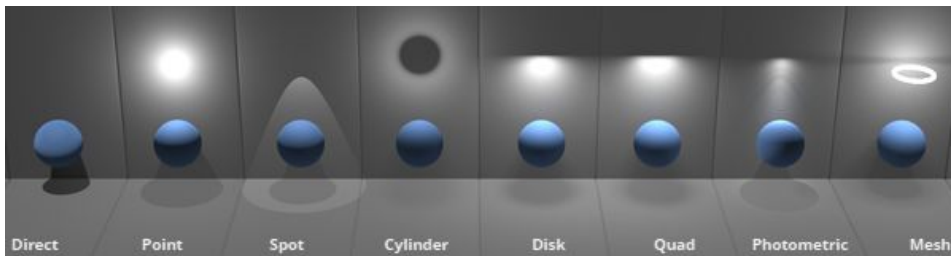
Materials are an enhancement of texture mapping that allows for objects to simulate different types of materials in real life.

- Metallic
- Glass
- Fabric



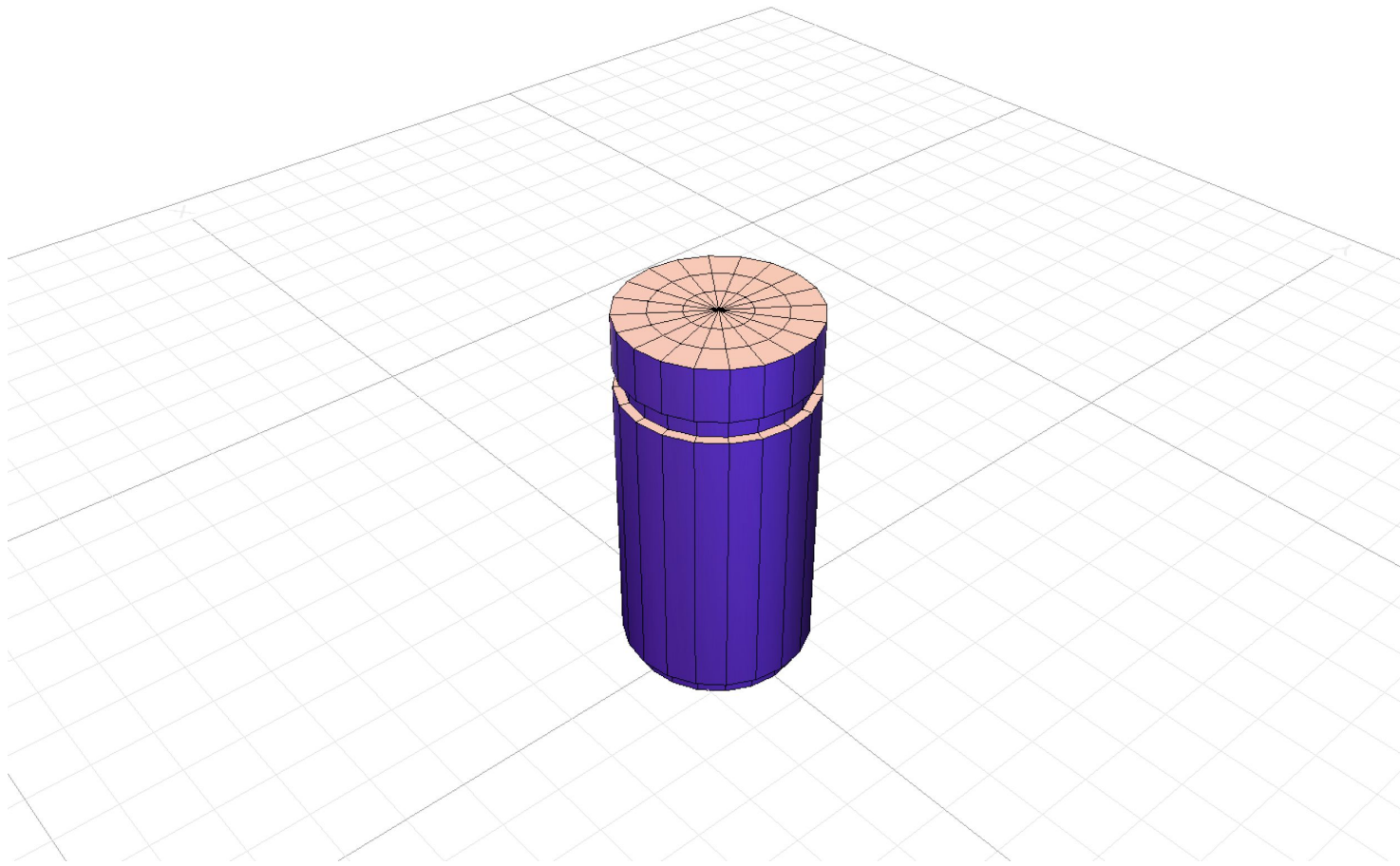
Is the collection of techniques used to simulate light in scenes.

- Point Light
- Spot Light
- Area Light
- Sun Light

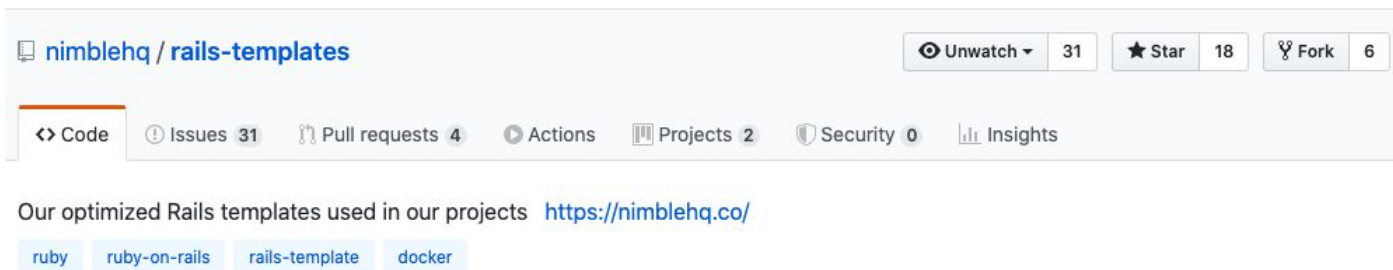


- Shows the current scene as seen from the currently active camera's view point.
- Compose shots and preview how the scene will look when rendered.

3D Model



- Nimble Rails Template
- Slim templating engine



- Vectary Viewer
- Vectary Viewer API



Vectary Viewer



```
<iframe frameborder="0" height="100%" width="100%" id="c9d4a16c-e9bb-4a07-b797-cd861d183019"
src="https://www.vectary.com/viewer/v1/?model=c9d4a16c-e9bb-4a07-b797-
cd861d183019&env=studio3&showInteractionPrompt=0&enableApi=1"></iframe>
```

- Simple and easy to work with
- Provide of tons of methods

Vectary Viewer API



```
import { VctrApi } from "https://www.vectary.com/viewer-api/v1/api.js";

this.viewerApi = new VctrApi("c9d4a16c-e9bb-4a07-b797-cd861d183019");
this.viewerApi.init();

...

const mesh = await this.vctrApi.getMeshByName(MESH_NAME);
const params = {
  color: "#42f477",
  metalness: 0.5, // 0 is Matte, 1 is Metallic
}
await this.viewerApi.updateMaterial(mesh.material, params);
```



Demo

<https://b3edbe4d.ngrok.io/>

Scan the QR code
for Augmented reality



iOS 13+, iPadOS 13+ or Android
with ARCore 1.9+ required



With Vectary Tool and API,
you can easily implement
AR into your web / mobile app.

Thanks!

Contact Nimble

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