VBoard

Making web dashboards in 3D and VR

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David Moreno
@dlumbrer1
dmoreno@bitergia.com & dmorenolumb@gmail.com

https://dlumbrer.github.io/VBoard
Existing tools → Proprietary
Existing tools /open → Proprietary

- Known frameworks
- High Level
- Web environment
- Avoid Walled Garden
Complex system of data visualization in 3D and VR
<html>
  <head>
    <meta charset="utf-8">
    <title>Hello, WebVR! • A-Frame</title>
    <meta name="description" content="Hello, WebVR! • A-Frame">
    <script src="https://aframe.io/releases/0.8.2/aframe.min.js"></script>
  </head>
  <body>
    <a-scene background="color: #ECECEC">
      <a-box position="-1 0.5 -3" rotation="0 45 0" color="#4CC3D9" shadow></a-box>
      <a-sphere position="0 1.25 -5" radius="1.25" color="#EF2D5E" shadow></a-sphere>
      <a-cylinder position="1 0.75 -3" radius="0.5" height="1.5" color="#FFC65D" shadow></a-cylinder>
      <a-plane position="0 0 -4" rotation="-90 0 0" width="4" height="4" color="#7BC8A4" shadow></a-plane>
    </a-scene>
  </body>
</html>

https://aframe.io/
Repository

Docker

Releases

Repo: https://github.com/dlumbrer/VBoard
Making some configuration...

Error: Impossible connect to ElasticSearch

There is no vboard index, creating it...

Error: An unexpected error appeared

Index and mapping of VBoard created, welcome!

Everything is right, welcome to VBoard!
<table>
<thead>
<tr>
<th>VBoard</th>
<th>Visualize</th>
<th>Dashboard</th>
<th>Show</th>
</tr>
</thead>
</table>

/structure
Change environment
Rotation of the charts
Free movement
Interaction
Augmented Reality (AR)
And… (future)
Scale..
More interaction...
Platform...

https://dlumbrer.github.io/VBoard
https://dlumbrer.github.io/VBoard/static_vr_/bitergia/grimoirelab/openstack/index.html
VBoard is hosted on GitHub: https://github.com/dlumbrer/VBoard

GPL-3.0 License

README.md with general information and installation steps

USER_GUIDE.md with the user guide of the application

Docker images on Docker-hub: https://hub.docker.com/r/dlumbrer/vboard/

dlumbrer/vboard:aframedc for the A-FrameDC version

dlumbrer/vboard:threedc for the ThreeDC version

How to generate 100% libre and open source QR’s and markers for AR:

https://jgbarah.github.io/aframe-playground/ar-02/

More tutorials for A-Frame at https://jgbarah.github.io/aframe-playground
About

GrimoireLab
Bitrergia
Data retrieved using GrimoireLab

https://chaoss.github.io/grimoirelab/
Software Development Monitoring Made Easy

Bitergia solves any question you might have about your software development processes

- **Activity**
  - What? How many?
- **Performance**
  - How fast? Average time?
- **Diversity**
  - Where from? Organizations? Gender?

- **Size**
  - How big? How many?
- **Demography**
  - How old? New one? Inactive ones?

LEARN MORE
Thanks!

David Moreno
@dllumbrer1

Front end and Researcher at Bitergia
dmoreno@bitergia.com
dmorenolumb@gmail.com