JavaScript & Argon

creating Augmented Reality experiences
using web technologies

Maria Engberg 160406

```
<!doctype html>
</html>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, user-scalable=no, minimum-scale=1.0, maximum-
scale=1.0">

<!--three.js, a 3D Scene graph for the web-->
<script src="../../js/three.js"></script>

<!--threestrap.js is a bootstrapping library that makes three.js easier to work with.  Argon-three.js requires it-->
<script src="../../js/threestrap.js"></script>

<!--The argon library support for integration of three.js and argon.js-->
<script src="../../build/argon.js"></script>
<script src="../../build/argon-three.js"></script>

<!-- One or more style sheets for styling the elements in the body -->
<link rel="stylesheet" type="text/css" href="style.css">

<body>
    <div id="argon-immersive-context">
        <!--any html for interface elements etc. that will appear on the screen in AR mode-->
    </div>
    <div>
        <!--one or more divs that you want to appear in "page mode" described below-->
    </div>
</body>

<!--application javascript code-->
<script src="../app.js"></script>

</html>
```

AR FEATURES & STANDARD WEB CONTENT

geolocation
video of the surrounding world (“reality”)
image tracking (Vuforia)

+ any web content for browser

AR FEATURES & STANDARD WEB CONTENT

geolocation

AR FEATURES & STANDARD WEB CONTENT

video of the surrounding world

AR FEATURES & STANDARD WEB CONTENT

image tracking (Vuforia)

vuforia™
by Qualcomm

https://developer.vuforia.com/

STANDARD WEB CONTENT

1. special div with id argon-immersive-context (2D in the 3D AR context)
2. additional divs in the body
3. any webpage (webkit)

three.js r75

featured projects

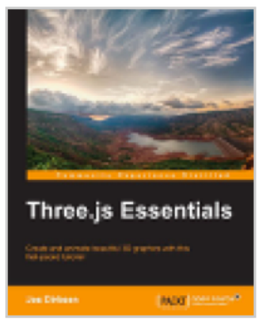
more projects

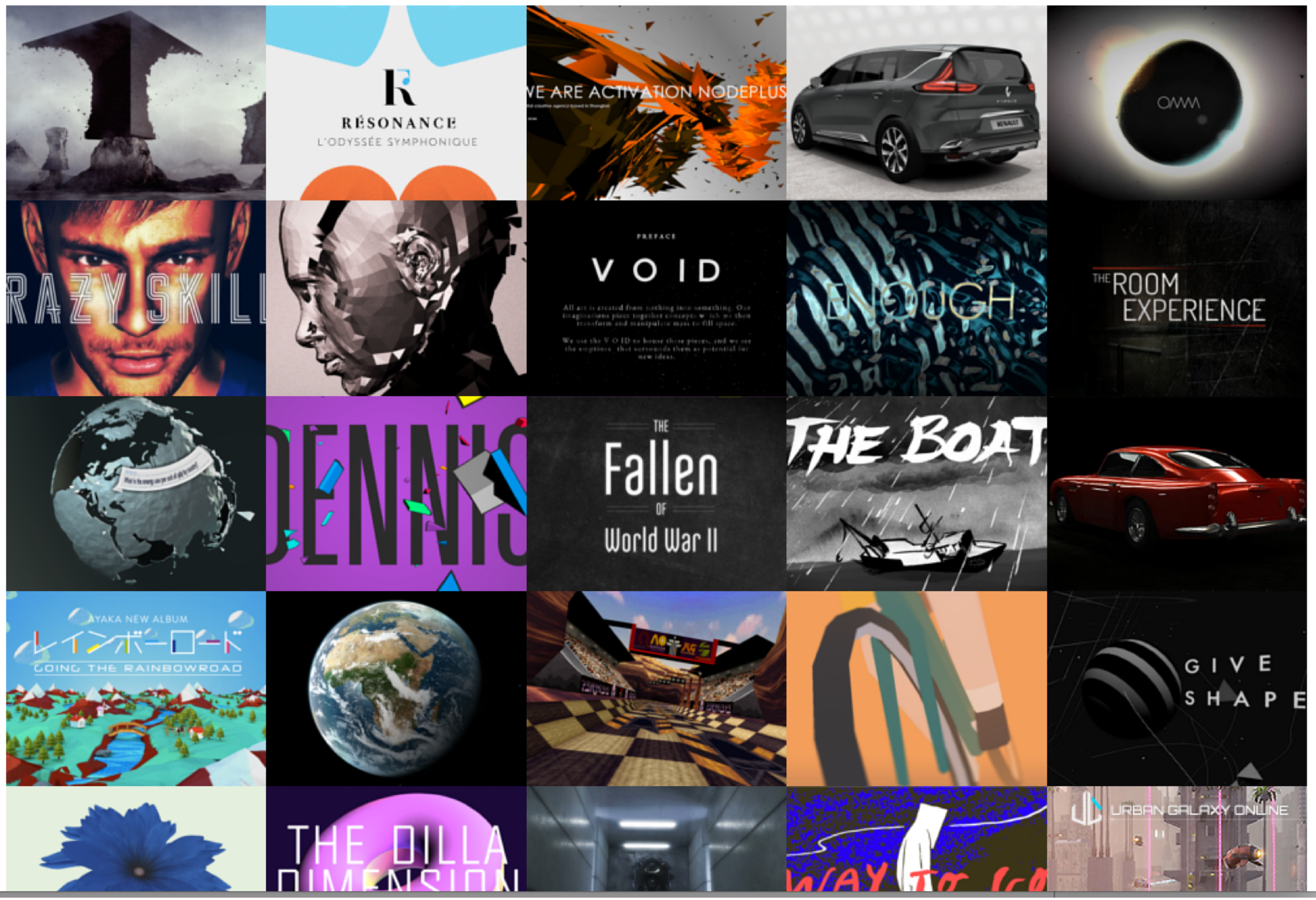
documentation
examples

download

github
stackoverflow
irc

editor





http://threejs.org/

argon examples in argon3 & links to tutorials

argon3://artnotart.org/jdbolter/Argon3/examples/Periodic/index.html
tutorial: http://tutorials.argonjs.io/tutorials/tutorial3

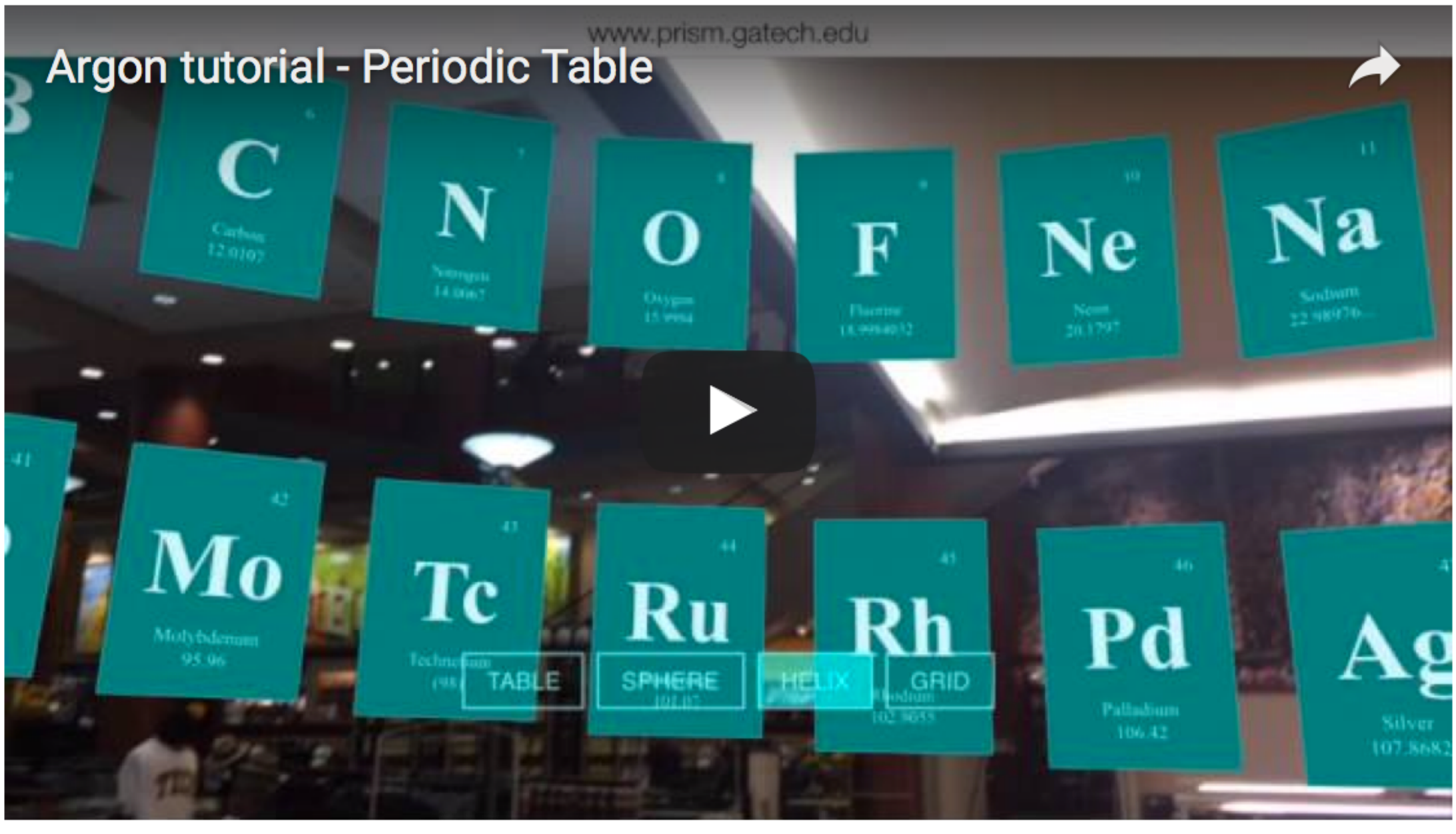
argon3://artnotart.org/jdbolter/Argon3/examples/Directions/index.html
tutorial: http://tutorials.argonjs.io/tutorials/tutorial2

argon3://artnotart.org/jdbolter/Argon3/examples/Geo/index.html
tutorial: http://tutorials.argonjs.io/tutorials/tutorial5

argon3://artnotart.org/jdbolter/Argon3/examples/Panorama/index.html
tutorial: http://tutorials.argonjs.io/tutorials/tutorial4

argon3://artnotart.org/jdbolter/Argon3/examples/Vuforia/index.html
http://tutorials.argonjs.io/tutorials/tutorial6

argon3://artnotart.org/jdbolter/Argon3/examples/Periodic/index.html
tutorial: http://tutorials.argonjs.io/tutorials/tutorial3



argon3://artnotart.org/jdbolter/Argon3/examples/Geo/index.html
tutorial: http://tutorials.argonjs.io/tutorials/tutorial5

argon3://artnotart.org/jdbolter/Argon3/examples/Panorama/index.html
tutorial: http://tutorials.argonjs.io/tutorials/tutorial4