



# Top 10 API for JavaScript Skills

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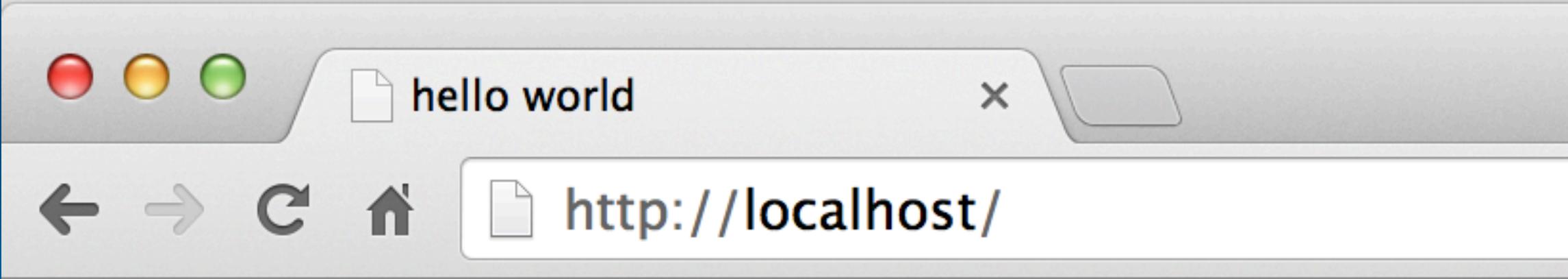
Demo Theater

A decorative graphic at the bottom of the slide features several parallel diagonal stripes in yellow, teal, and light green. A central teal rectangular area contains the text "Demo Theater".

# 10. you need a web server

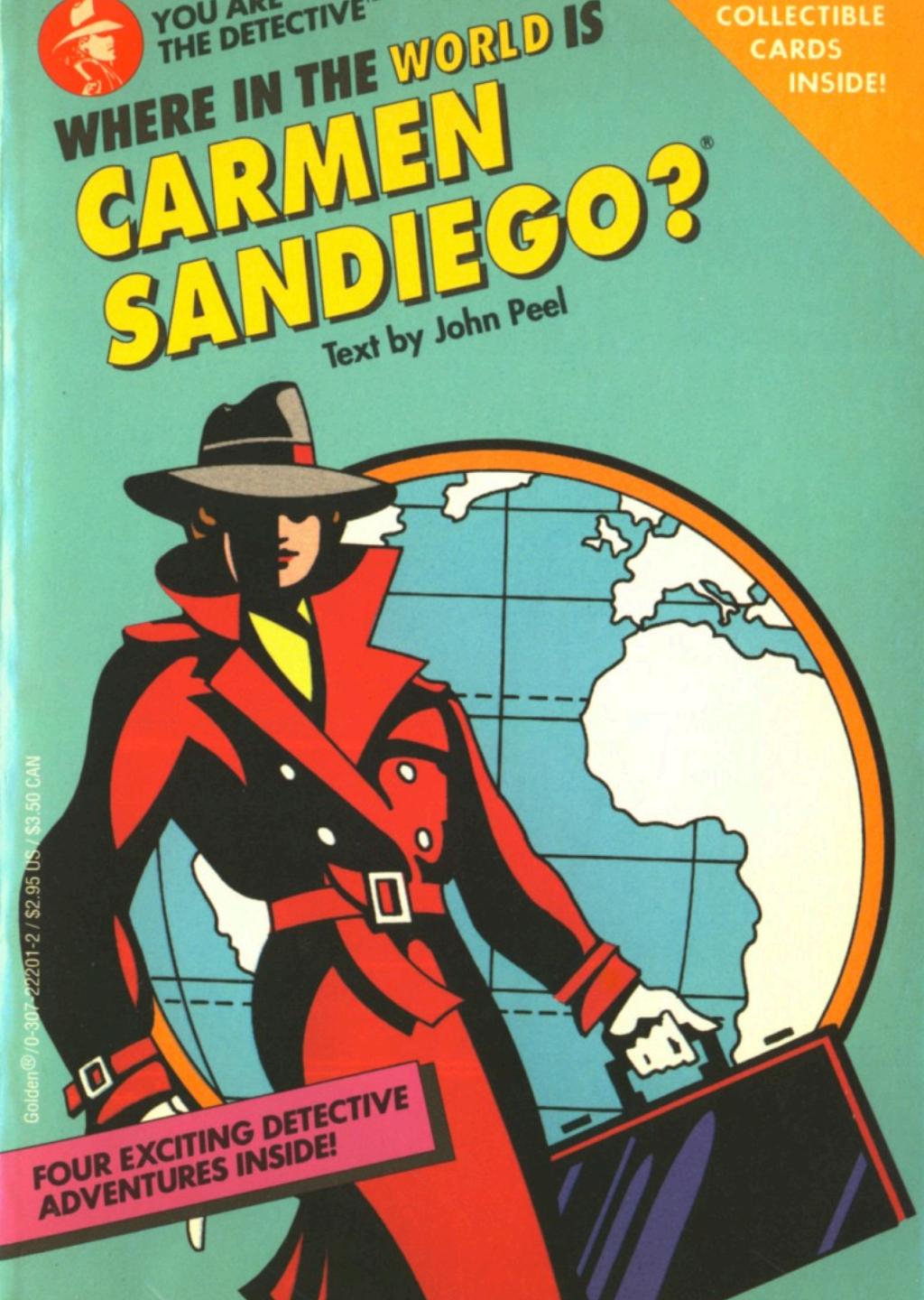






It works!

# 9. be a network traffic snoop



Chrome File Edit View History Bookmarks Window Help

Eg Untitled

127.0.0.1:54321/helium/main/helium/heliumTest/data/Blocks/xyz.html?mode=preview

## Some Text

Elements Resources Network Scripts Timeline Profiles Audits Console Search Network

Name Path	Method	Status Text	Type	Initiator	Size Content	Time Latency	Timeline	67ms	100ms	134ms	167ms	201ms
jquery-1.6.2.min.js /helium/main/helium/heliumT	GET	200 OK	application/ script	xyz_edgePreload. Script	89.47KB 89.41KB	5ms 3ms						
jquery.easing.1.3.js /helium/main/helium/heliumT	GET	200 OK	application/ script	xyz_edgePreload. Script	7.96KB 7.91KB	4ms 3ms						
edge.0.1.4.min.js /helium/main/helium/heliumT	GET	200 OK	application/ script	xyz_edgePreload. Script	75.67KB 75.61KB	3ms 2ms						
xyz_edge.js /helium/main/helium/heliumT	GET	200 OK	application/ script	xyz_edgePreload. Script	2.12KB 2.06KB	3ms 3ms						
xyz_edgeActions.js /helium/main/helium/heliumT	GET	200 OK	application/ script	xyz_edgePreload. Script	600B 541B	3ms 2ms						
Adobe_logo.svg /helium/main/helium/heliumT	GET	404 Not Found	text/plain	edge.0.1.4.min.js Script	131B 35B	4ms 3ms						

13 requests | 357.14KB transferred

Settings

All Documents Stylesheets Images Scripts XHR Fonts WebSockets Other

Esri UC

1 5

•demo



# 8. set break points



MAKE GIFS AT GIFS.COM

# 7. events



- one argument  
(JavaScript object)
- dojo/on (or use the  
evented class)

```
1  on(map, "extent-change", function(evt){  
2      var s = "";  
3      s = "Xmin: " + evt.extent.xmin + " "  
4          + "Ymin: " + evt.extent.ymin + " "  
5          + "Xmax: " + evt.extent.xmax + " "  
6          + "Ymax: " + evt.extent.ymax;  
7      dom.byId("info").innerHTML = s;  
8  });  
9
```

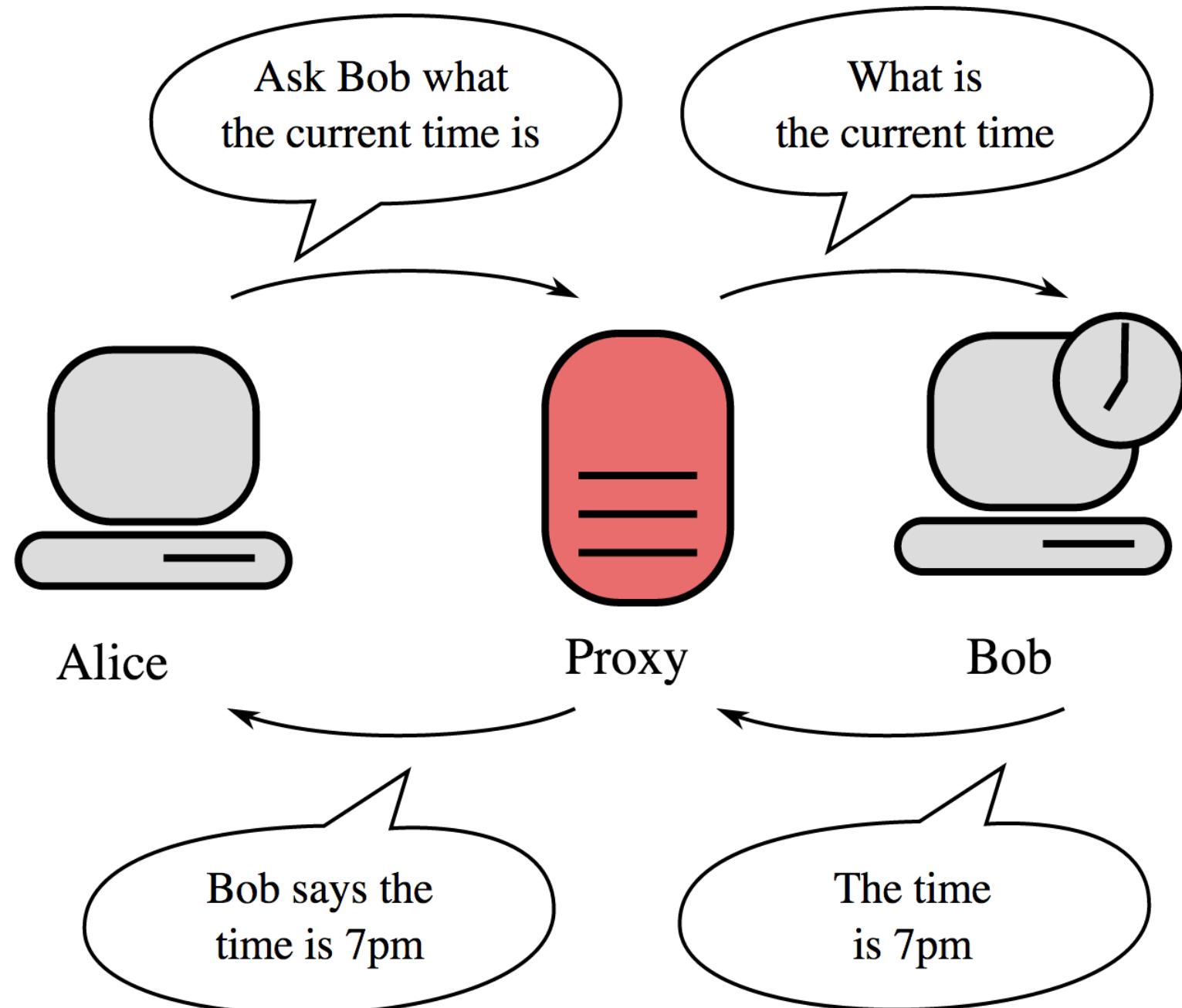
•demo



live app  
code  
API reference

# 6. □ set up a proxy

```
2
3 //all requests to route.
arcgis.com will proxy to
the proxyUrl defined here.
4 urlUtils.addProxyRule({
5   urlPrefix:
6     "route.arcgis.com",
7   proxyUrl:
8     "/sproxy/proxy.ashx"
9 });
```



# 5. Let's talk security



alongcameatom ↗ nonrefutable 419

apple-str1der:  
apple-str1der:  
Walk into the club like whatup I got a big lock  
I just lost a follower  
Source: apple-str1der

A screenshot of a social media post from user 'apple-str1der'. The post features a photograph of a man in a dark suit and glasses holding two padlocks: a large silver ABUS padlock and a smaller white padlock. The post includes a caption with a link to 'apple-str1der' and two replies. The top right corner of the image shows standard social media icons for sharing and liking.

# 3 options to consider

- IdentityManager
- OAuth2
- proxy

4.  
AMD

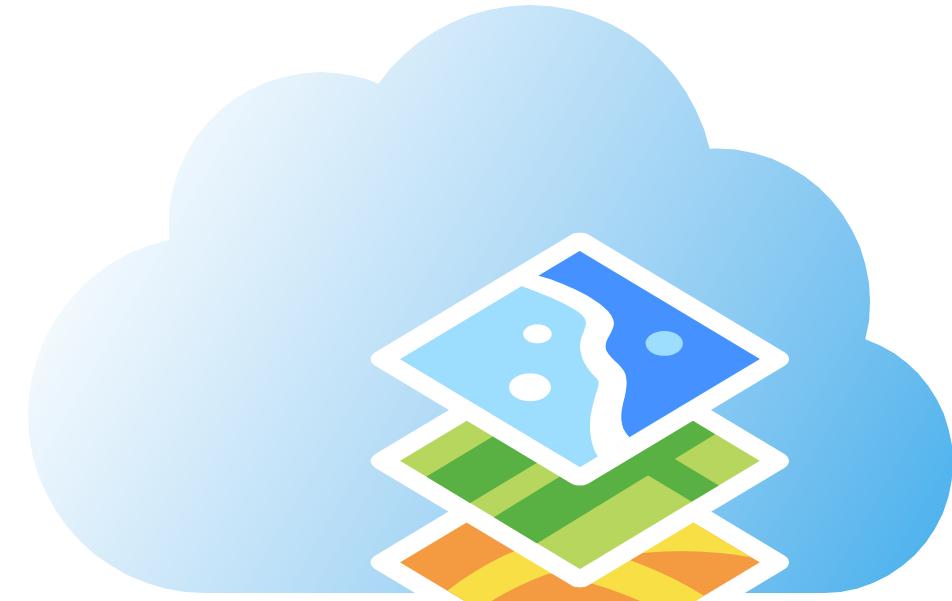


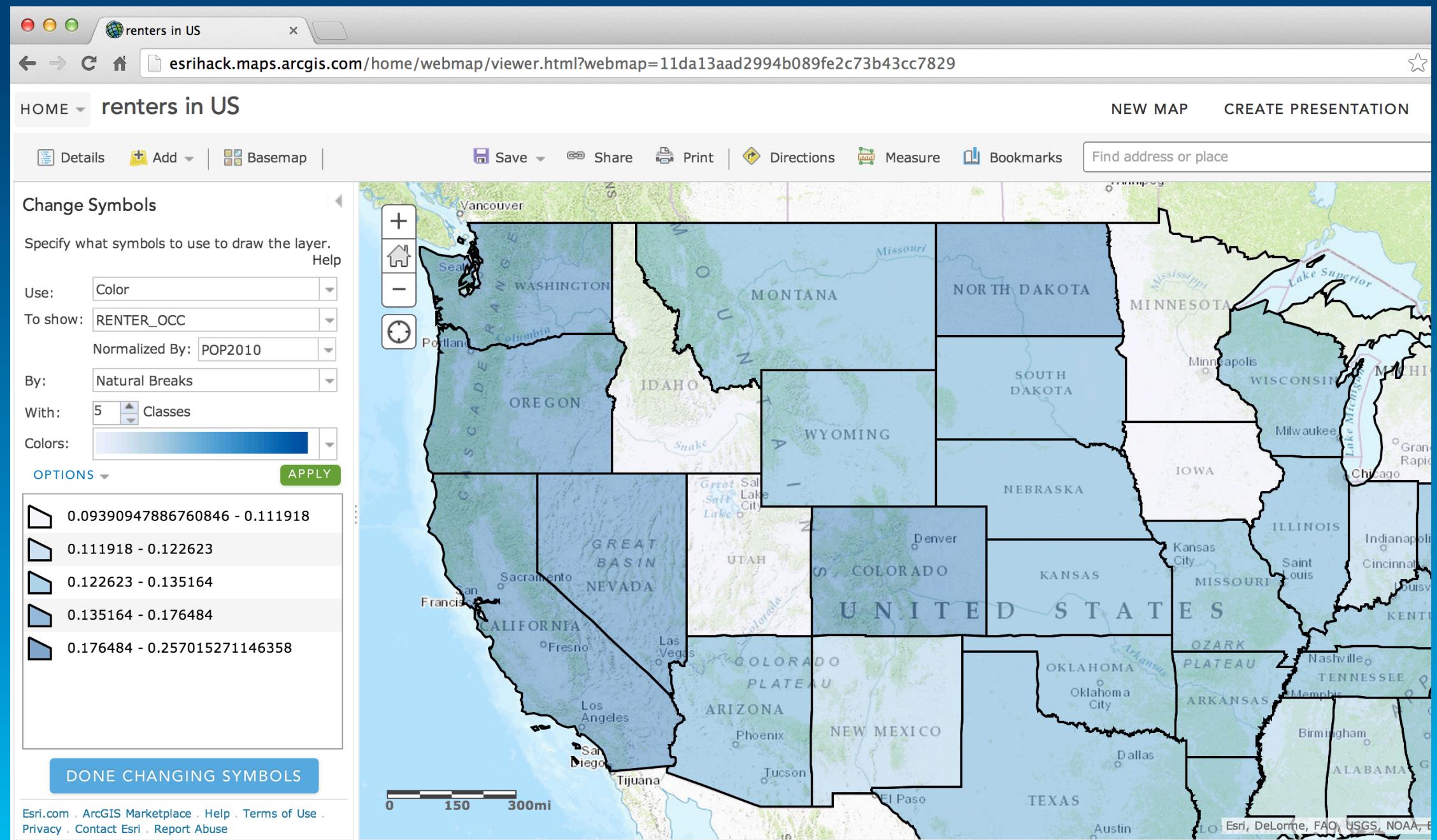
X

```
1 require([
2   /*ordered list of modules to load*/
3   "esri/map", "esri/InfoTemplate", "esri/layers/FeatureLayer",
4   "dojo/parser", "dojo/domReady!"
5
6   /*Beginning of anonymous callback function
7   which fires once all modules have loaded*/
8   ], function(
9
10    /*Variable names to refer to each loaded module*/
11    Map, InfoTemplate, FeatureLayer,
12    parser
13  ) {                                /*Beginning of actual callback code*/
14    parser.parse();
15    map = new Map("mapDiv", {
16      basemap: "national-geographic",
17      center: [-2.97, 53.41],
18      zoom: 9
19    });
20    ...
21  }) /*Close the callback curly brace and require's parenthesis*/
```

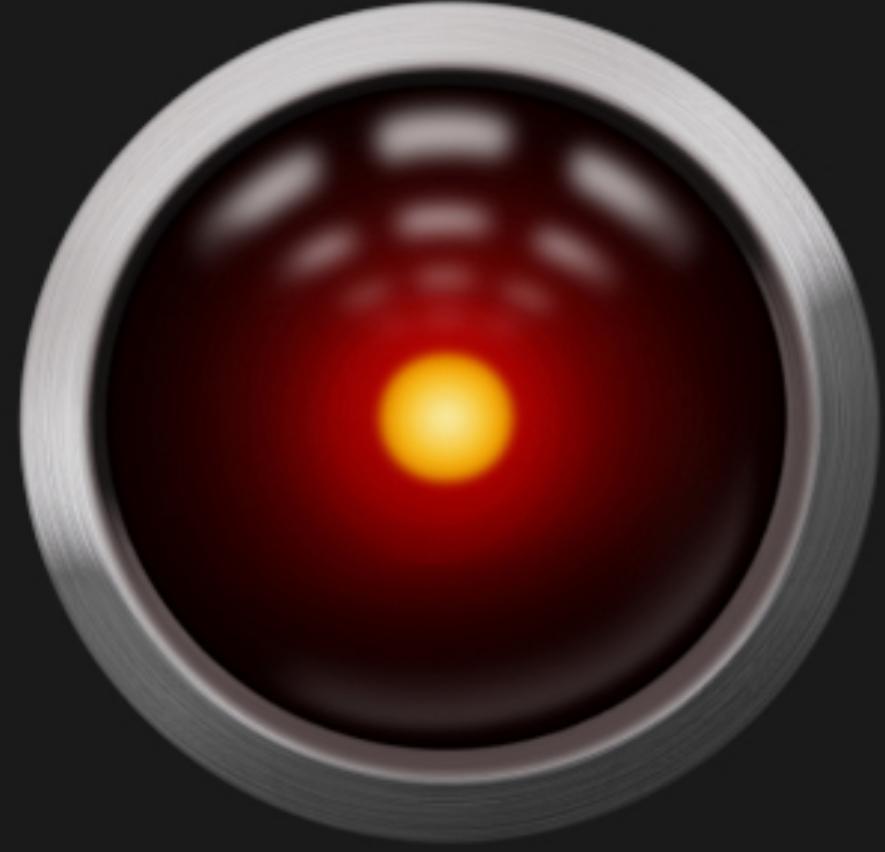
from: <http://blogs.esri.com/esri/arcgis/2013/10/14/the-abcs-of-amd/>

# 3. maps from arcgis.com

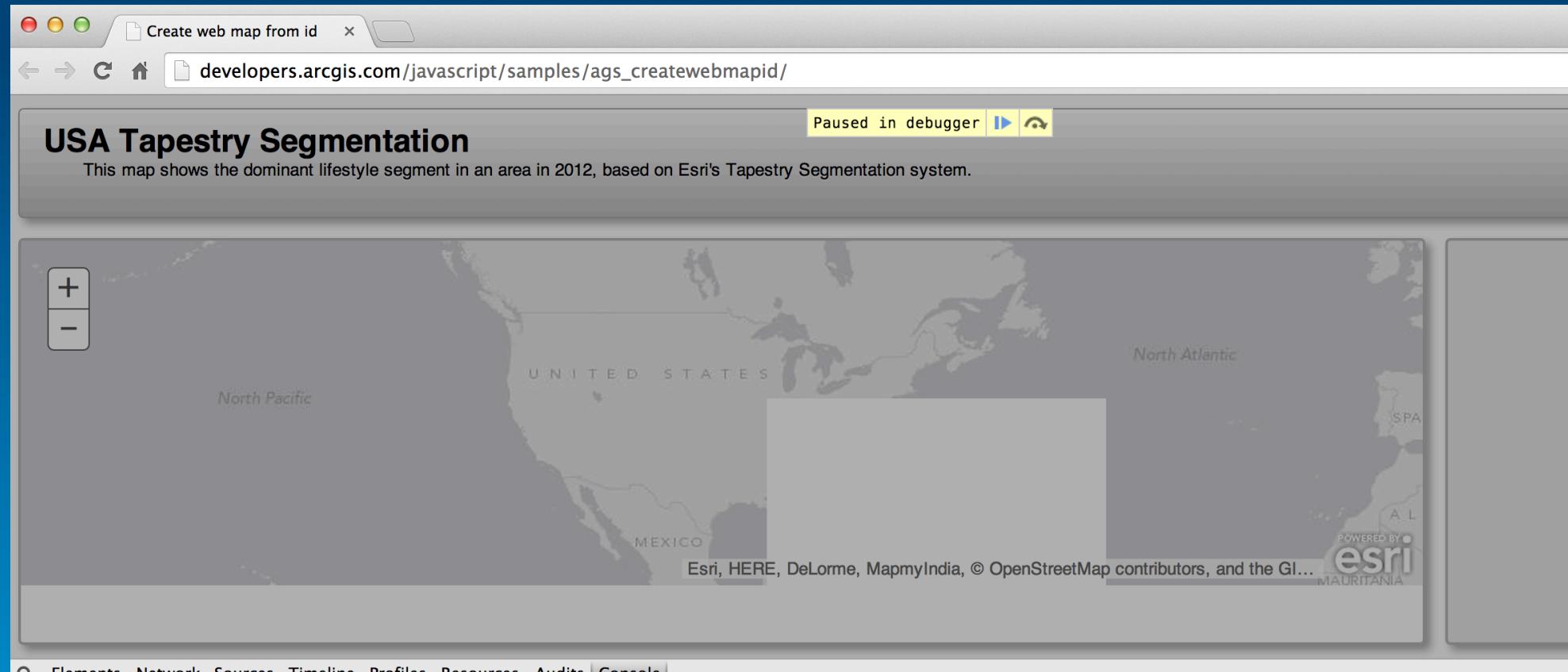




2.  
use the  
console



**>>Open the pod bay doors HAL**



Elements Network Sources Timeline Profiles Resources Audits Console

✖ ▼ <top frame>

▶ Resource interpreted as Script but transferred with MIME type text/plain: "[http://services.arcgisonline.com/ArcGIS/rest/services/Canvas/World\\_Light\\_Gray\\_Base/MapServer?f=json&callback=dojo.io.script.jsonp dojoIoScript1\\_jsonpCallback](http://services.arcgisonline.com/ArcGIS/rest/services/Canvas/World_Light_Gray_Base/MapServer?f=json&callback=dojo.io.script.jsonp dojoIoScript1_jsonpCallback)".

▶ Resource interpreted as Script but transferred with MIME type text/plain: "[http://services.arcgisonline.com/ArcGIS/rest/services/Canvas/World\\_Light\\_Gray\\_Reference/MapServer?f=json&callback=dojo.io.script.jsonp dojoIoScript3\\_jsonpCallback](http://services.arcgisonline.com/ArcGIS/rest/services/Canvas/World_Light_Gray_Reference/MapServer?f=json&callback=dojo.io.script.jsonp dojoIoScript3_jsonpCallback)".

▶ Resource interpreted as Script but transferred with MIME type text/plain: "[http://services.arcgisonline.com/ArcGIS/rest/services/Demographics/USA\\_Tapestry/MapServer?f=json&callback=dojo.io.script.jsonp dojoIoScript4\\_jsonpCallback](http://services.arcgisonline.com/ArcGIS/rest/services/Demographics/USA_Tapestry/MapServer?f=json&callback=dojo.io.script.jsonp dojoIoScript4_jsonpCallback)".

> response.map.extent

> Object {type: "extent", xmin: -21018587.191805135, ymin: 2248967.003909594, xmax: -315770.954827223, ymax: 7336615.606569573...}

> response.map.layerIds

[ "World\_Light\_Gray\_Base\_488", "USA\_Tapestry\_335", "World\_Light\_Gray\_Reference\_5717" ]

> response.map.getLevel()

3

> response.map.

getBasemap  
getInfoWindowAnchor  
getInherited  
getLayer  
getLayersVisibleAtScale  
getLevel  
getMaxScale  
getMaxZoom  
getMinScale  
getMinZoom  
getNumLevels  
getResolution  
getResolutionInMeters

•demo



# 1

know where  
to go for help



**Technical  
Support**



#irc



**StackExchange**



**Thank you...**

**If you'd be so kind,  
please fill out the session survey:**

**First Offering ID: 1530**

**~~Second Offering ID: 1541~~**

**Online – [www.esri.com/ucsessionsurveys](http://www.esri.com/ucsessionsurveys)**



Understanding our world.