

`http://services.arcgisonline.com/.../World_Topo_Map/MapServer`

`http://js.arcgis.com`



Portal



`http://portal.metro... /e911_locator/GeocodeServer`

YOU

`http://geo.cityOf.../Parcels/FeatureServer`

`http://geo.cityOf.../Parcels/MapServer`



`http://www.cityOf.... /propertytaxes`

YOUR USERS



`http://services.arcgisonline.com/.../World_Topo_Map/MapServer`

`http://js.arcgis.com`



ArcGIS



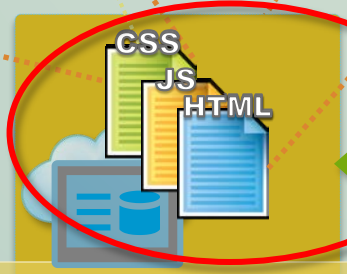
Portal

`http://portal.metro... /e911_locator/GeocodeServer`

YOU

`http://geo.cityOf.../Parcels/FeatureServer`

`http://geo.cityOf.../Parcels/MapServer`



`http://www.cityOf.... /propertytaxes`

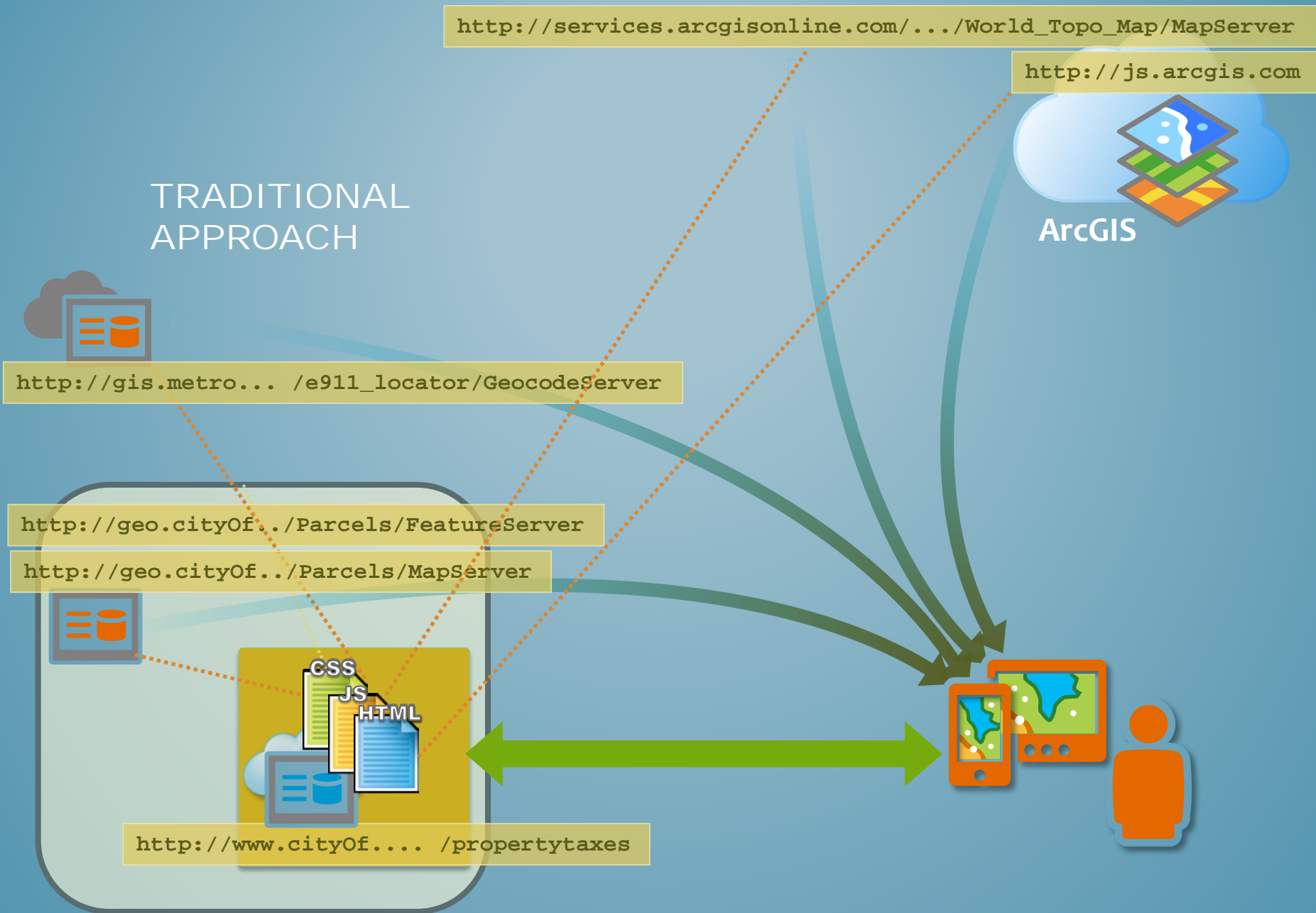
YOUR USERS



868 Glenville St, Vancouver, BC V6Z 1K

DEVELOPMENT OPTIONS

TRADITIONAL APPROACH

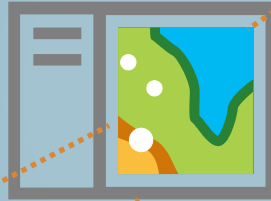


DEVELOPMENT OPTIONS

USE
WEB MAP

http://services.arcgisonline.com/.../World_Topo_Map/MapServer

<http://js.arcgis.com>



Web Map



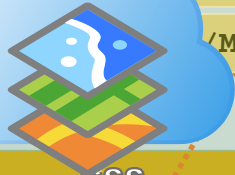
ArcGIS

http://gis.metro... /e911_locator/GeocodeServer

<http://geo.ci... /FeatureServer>

<http://... /MapServer>

Portal



<http://www.cityOf.... /propertytaxes>



DEVELOPMENT OPTIONS

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USE
WEB MAP



Web Map



ArcGIS

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DEVELOPMENT OPTIONS

USE
WEB MAP

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Web Map



ArcGIS



http://gis.metro.../e911_locator/GeocodeServer

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<http://www.cityOf.... /propertytaxes>

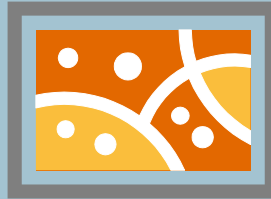
868 Glenville St, Vancouver, BC V6Z 1K



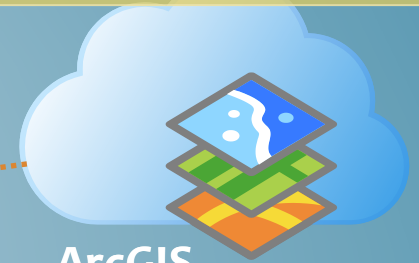
DEVELOPMENT OPTIONS

USE
WEB MAP IN
TEMPLATE-
BASED
APP

`http://services.arcgisonline.com/.../World_Topo_Map/MapServer`



Web Map



ArcGIS

`http://gis.metro... /e911_locator/GeocodeServer`



Template

`http://geo.cityOf.../Parcels/FeatureServer`

`http://geo.cityOf.../Parcels/MapServer`



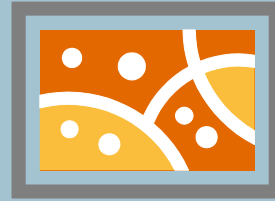
Portal



DEVELOPMENT OPTIONS

http://services.arcgisonline.com/.../World_Topo_Map/MapServer

USE
WEB MAP
IN
APP BUILT BY THE
WEB APPBUILDER
(WAB)

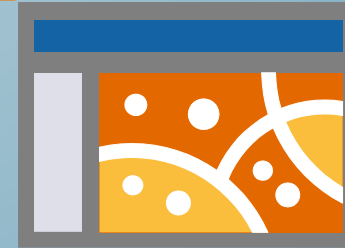


Web Map



ArcGIS

http://gis.metro... /e911_locator/GeocodeServer



WAB-built

<http://geo.cityOf.../Parcels/FeatureServer>

<http://geo.cityOf.../Parcels/MapServer>



Portal



Basic JavaScript and the API (with AMD syntax)

map.js

```
require();
```

Basic JavaScript and the API (with AMD syntax)

map.js

```
require([]);
```

array

Basic JavaScript and the API (with AMD syntax)

map.js

```
require([], function(){...});
```

array

the callback function

Basic JavaScript and the API (with AMD syntax)

map.js

```
require(  
    [],  
  
    function(){  
  
  
  
  
  
  
    }  
);
```

Basic JavaScript and the API (with AMD syntax)

map.js

```
require(  
  ["esri/map"],
```

API module

```
function(Map){
```

alias

```
  var myMap = new Map("divMap");
```

object

```
<div id="divMap">
```

index.html

A constructor statement

```
  }  
);
```

Basic JavaScript and the API (with AMD syntax)

map.js

```
require(
  ["esri/map", "esri/layers/ArcGISDynamicMapServiceLayer"],

  function(Map, ArcGISDynamicMapServiceLayer){

    var myMap = new Map("divMap");

    var lyrUSA = new ArcGISDynamicMapServiceLayer("...");
    myMap.addLayer(lyrUSA);
  }
);
```

Basic JavaScript and the API (with AMD syntax)

map.js

```
require(
  ["esri/map", "esri/layers/ArcGISDynamicMapServiceLayer",
   "dijit/layout/BorderContainer", "dijit/layout/ContentPane",
   "dojo/domReady!"],
  function(Map, ArcGISDynamicMapServiceLayer,
           BorderContainer, ContentPane){

    var myMap = new Map("divMap");

    var lyrUSA = new ArcGISDynamicMapServiceLayer("...");
    myMap.addLayer(lyrUSA);
  }
);
```


Basic JavaScript and the API (with AMD syntax)

map.js

```
require([
  "esri/map", "esri/layers/ArcGISDynamicMapServiceLayer",
  "dijit/layout/BorderContainer", "dijit/layout/ContentPane",
  "dojo/domReady!"
],
function(Map, ArcGISDynamicMapServiceLayer,
  BorderContainer, ContentPane){

  var myMap = new Map("divMap", {
    basemap : "streets",
    center : [-76.59, 39.29],
    zoom : 12
  });
  var lyrUSA = new ArcGISDynamicMapServiceLayer("...");

}
);
```

} JSON object