

## HowTo: Create an ArcGIS.com Web map using URL parameters

Article ID: 38320

Software: **ArcGIS Online 1.0**

Platforms: N/A

### Summary


Instructions provided describe how to create an ArcGIS.com Web map using parameters within a URL.

### Procedure

An ArcGIS.com Web map is composed of certain URL parameters. The URL always begins with:

```
http://www.arcgis.com/home/webmap/viewer.html?
```

The URL also includes one or more of parameters listed below. To see how each parameter works, click the Live Example link.

 To include more than one parameter, use an ampersand (&) to separate the parameters.

For example:

```
http://www.arcgis.com/home/webmap/viewer.html?center=20,45&resolution=9784
```

- To define the basemap used in the viewer, set **basemapUrl=** to the map service. If a basemap is not defined, the default basemap will be the World Topo Basemap.

For example: [Live Example](#)

```
http://www.arcgis.com/home/webmap/viewer.html?
    basemapUrl=http://services.arcgisonline.com/ArcGIS/rest/services/World_Physical_Map/MapServer
```

- To define the operational layers that overlay the basemap, use either **webmap=** or **url=**.

The **webmap** parameter accepts the Item ID of a Web Map saved to ArcGIS.com. [Live Example](#)

```
http://www.arcgis.com/home/webmap/viewer.html?webmap=2def3f0c7be74f05af33ac87b8d03ef2.
```

The **url** paramter accepts a single service URL. [Live Example](#)

```
http://www.arcgis.com/home/webmap/viewer.html?
    url=http://services.arcgisonline.com/ArcGIS/rest/services/Demographics/USA_Daytime_Population/MapServer
```

- To center the map at a particular location, set **center=** using geographic coordinates (X,Y) or projected coordinates (X,Y,WKID).

Geographic Coordinates [Live Example](#)

```
http://www.arcgis.com/home/webmap/viewer.html?center=20,45
```

Projected Coordinates [Live Example](#)

```
http://www.arcgis.com/home/webmap/viewer.html?center=500000,5500000,102100
```

- To define the extent of the map, use **extent=**.

The extent parameter accepts geographic coordinates (GCS) as: MinX,MinY,MaxX,MaxY or projected coordinates (PCS) as: MinX,MinY,MaxX,MaxY,WKID.

Geographic Coordinates [Live Example](#)

```
http://www.arcgis.com/home/webmap/viewer.html?extent=-117.20,34.055,-117.19,34.06
```

Projected Coordinates [Live Example](#)

```
http://www.arcgis.com/home/webmap/viewer.html?extent=-13079253.954115,3959110.38566837,-12918205.318785,4086639.70193162,102113
```

- To define the scale level of the map viewer, use the center parameter and **level=**. The level parameter accepts the LevelID of the cache scale as listed in the REST service endpoint.

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Geographic Coordinates [Live Example](#)

```
http://www.arcgis.com/home/webmap/viewer.html?center=20,45&level=4
```

Projected Coordinates [Live Example](#)

```
http://www.arcgis.com/home/webmap/viewer.html?center=500000,5500000,102100&level=4
```

#### Related Information

- [Projection Basics: What the GIS professional needs to know](#)

The following concepts are fundamental to understanding the use of map projections in ArcGIS. 1. Coordinate systems, also known as map projections, are arbitrary designations for spatial data. Their purpose is to provide a common basis for comm...

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