

Up and Running with Leaflet.js



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Session Code

<https://github.com/pmacMaps/leaflet-pa-gis-conference-2016>



Workshop Agenda

1. What is Leaflet.js?
2. Setting up the HTML document
3. The Map object
4. Base map options
5. Leaflet overlay options



What is Leaflet?

- Open-source JavaScript library for web maps
- Designed with simplicity, performance, and usability
- Large plugin ecosystem
- Thorough API reference
- Support:

Desktops

- ❖ Chrome
- ❖ Firefox
- ❖ Safari 5+
- ❖ Opera 12+
- ❖ IE 7-11

Mobile:

- ❖ Safari for iOS 7+
- ❖ Android browser 2.2+, 3.1+, 4+
- ❖ Chrome for mobile
- ❖ Firefox for mobile
- ❖ IE10+ for Windows 8 devices



Leaflet Examples

❖ [Magisterial District Judges Map](#)

❖ [Lancaster County Historic Maps](#)



Basemap Examples

- ❖ L.tileLayer
- ❖ L.tileLayer.wms
- ❖ L.esri.basemapLayer
- ❖ L.StamenTileLayer

- ❖ [Basemap Examples Demo](#)
- ❖ [Leaflet Tile Providers Plugin](#)



Map Overlay Examples

- ❖ L.marker
- ❖ L.polyline
- ❖ L.polygon
- ❖ GeoJSON



Resources

- [Leaflet](#)
- [ESRI Leaflet](#)
- [Stamen Maps](#)
- [GeoJSON](#)
- [City of Philadelphia ArcOpen Tool](#)
- [BootLeaf Leaflet App “Framework”](#)

