

Tips and Tricks for Developing and Debugging Apps

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Overview

- Setting up your dev environment
- Dev tools intro
- Common gotchas
- Dev tools tips

Code Editor or IDE

- Syntax highlighting
- Code Hinting
- Git integration
- Theming
- Task integration

Demo

Extensions

- Beautify
- JSLint or JSHint
- Code hinting

[JSAPI Resources](#)

Dev Tools Intro

Browser based tools to track down issues, inspect css, analyze performance and more.

- Firefox Developer Edition
- Chrome **and/or** Chrome Canary
- Edge
- Safari

Dev Tools

- Console
- Debugging
- Network traffic
- Css inspection
- ... and much more

Gotchas

Demo

Console

- Log diagnostic info
- Enter commands

```
require([
  "esri/geometry/support/webMercatorUtils"
], function(webMercatorUtils) {
  var extent = this.view.extent;
  var geoExtent = webMercatorUtils.webMercatorToGeographic(extent);
  console.log(JSON.stringify(geoExtent));
});
```

Console demo

Network

- Inspect network traffic

Network demo

Network: Copy Image

- Copy as Data URI (base64 encoded)

Copy image

Debugging

- Breakpoints

Debugging demo

CSS

- View and edit css

CSS

Application

- Cookies
- Local Storage
- App Cache

[Resources](#)

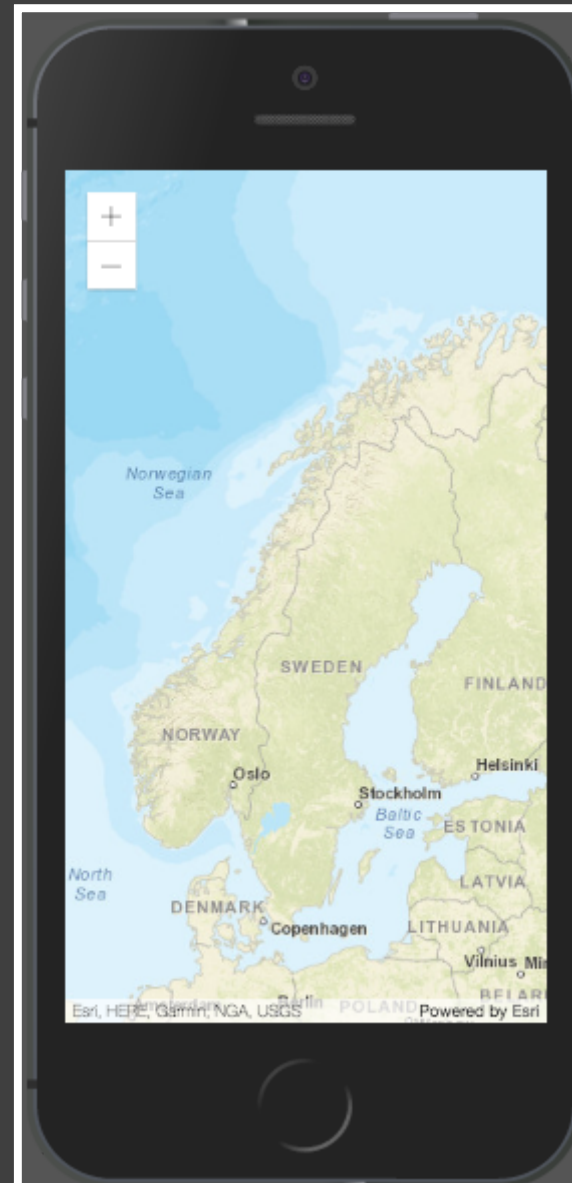
Responsive

- Emulate
- Geolocation and touch overrides
- Debug remotely

Resources

Screen Capture

- Firefox and Chrome
- Device mode (Show device frame and capture screenshot)



Links

- [Developer Help](#)

Questions??

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ArcGIS Runtime: Building...

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