

Debugging ArcGIS API for JavaScript Applications

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Agenda

- Coding Tools.
- Browser Developer Tools.
 - Inspect elements and handle CSS.
 - Breakpoints and blackboxing.
 - Take full advantage of the console.
 - Monitor network traffic.

Coding Tools

- JavaScript IDEs and Editors.
- Code quality tools.
- JavaScript beautifier.
- IDE integration.

Developer Tools

Debugging in the browser



Inspect elements and handle CSS

Demo

- Live changes to CSS.
- Esri CSS.
- CSS for widgets or themes.

Breakpoints and blackboxing

Demo

- Line of code breakpoints.
- Conditional breakpoints.
- Execution of asynchronous function calls.
- Blackbox ArcGIS JavaScript source files.

Take full advantage of the console

Demo

- Log to console.
- Retrieve formatted values.
- Execute JavaScript code snippet.

Monitor network traffic

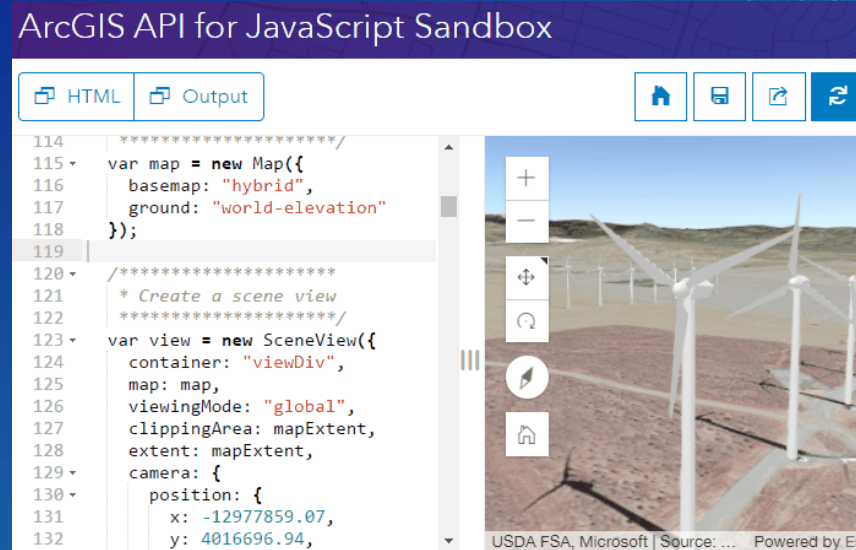
Demo

- Isolate the issue on client or server.
- Common errors:
 - 400: Bad request.
 - 499: Token required.
 - 404: Not found.
 - 500: Internal server error.
 - 503: Service unavailable.
 - 403: Forbidden (Server URLs and referrers).
 - 402: Rate limiting.

Resources



GitHub



W3schools.com

dōjō
toolkit

Support



Instructor-Led

🕒 3 Days (24 Hours)

Introduction to Web
Development Using ArcGIS API
for JavaScript

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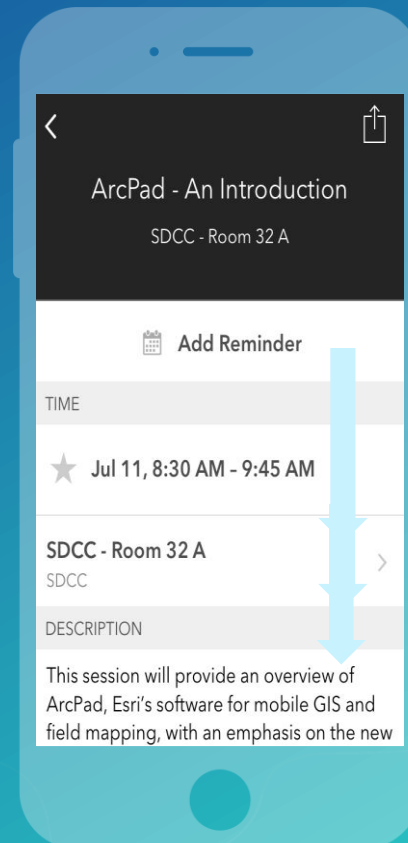
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Questions?





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