

esri

Intro to TypeScript

Kelly Hutchins | @kellyhutchins

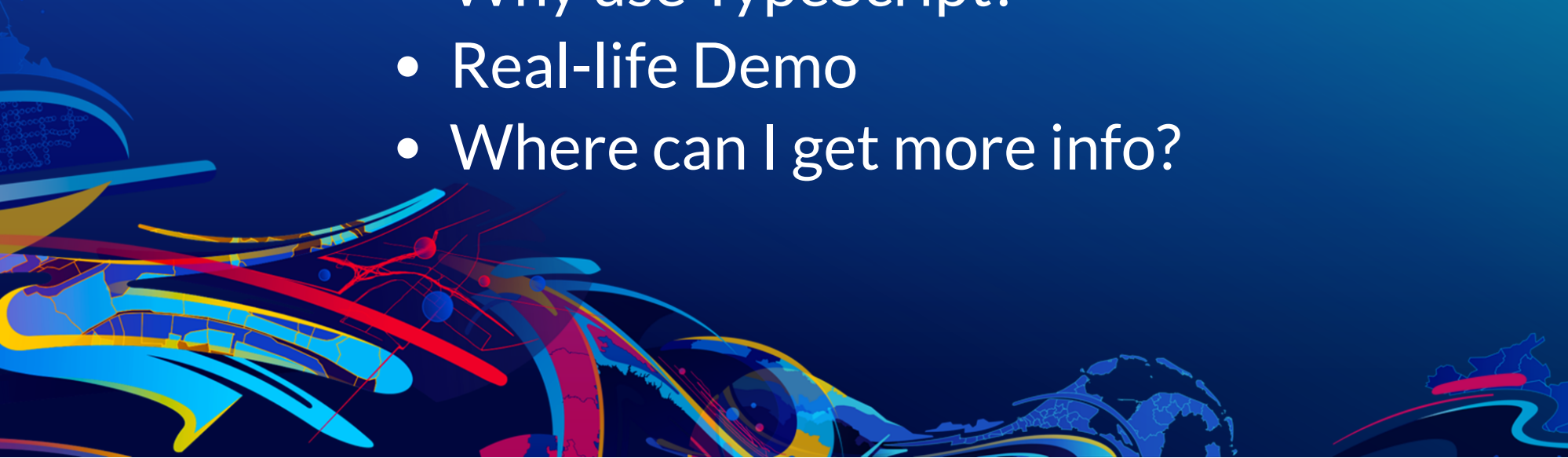
Noah Sager | @noashx

Presentation slides: <https://noashx.github.io/DevSummit/2021/Intro-to-TypeScript>

2021 ESRI
DEVELOPER SUMMIT



Agenda

- What is TypeScript?
 - Why use TypeScript?
 - Real-life Demo
 - Where can I get more info?
- 

What is TypeScript?



Where do I begin?



Developer Setup



Developer Setup



Benefits

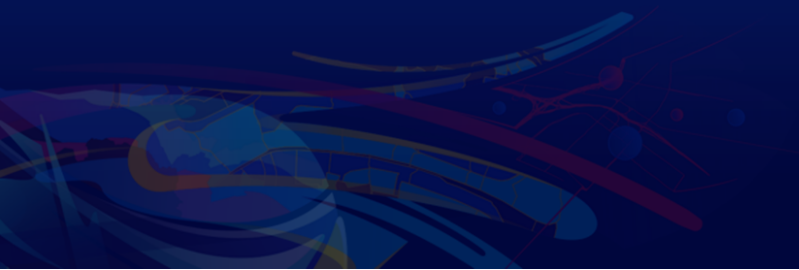
TypeScript

JavaScript that scales.

- Easier for multiple people to work on
- Easier to refactor
- Easier to test
- Can help prevent technical debt

Why use TypeScript?

TypeScript adds **type** support to JavaScript



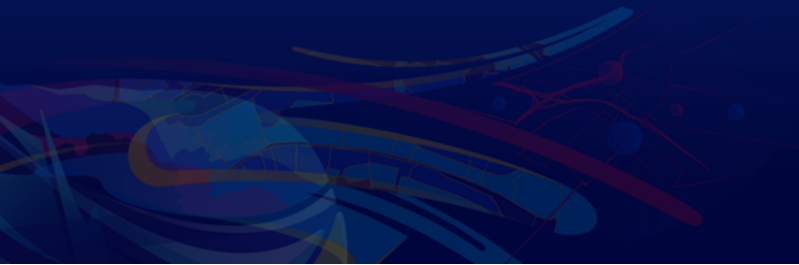
Why use TypeScript?

Enhanced IDE support



Why use TypeScript?

Makes use of the latest JavaScript features



Why use TypeScript?

Makes use of the latest JavaScript features



Setup and First steps

1. The recommended way to install TypeScript is via node and npm.
2. Make sure to install TypeScript globally:

```
npm install -g typescript
```

3. Install the ArcGIS API for JavaScript Typings:

```
npm install --save @types/arcgis-js-api
```

Demo: Build a TypeScript app from scratch



Where can I get more
info?



esri

Additional TypeScript Session

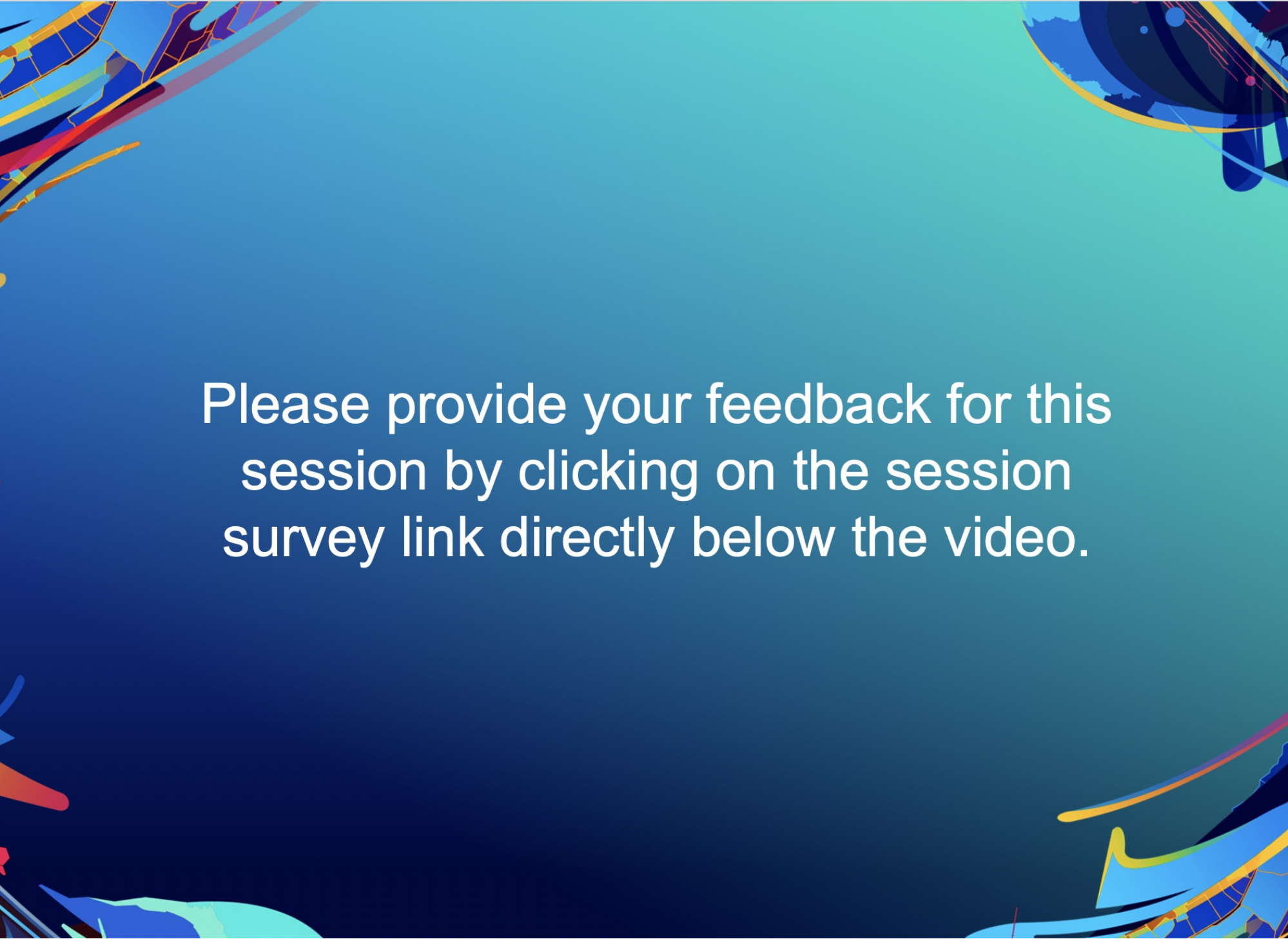
2021 ESRI
DEVELOPER SUMMIT





esri

**THE
SCIENCE
OF
WHERE**



Please provide your feedback for this session by clicking on the session survey link directly below the video.