

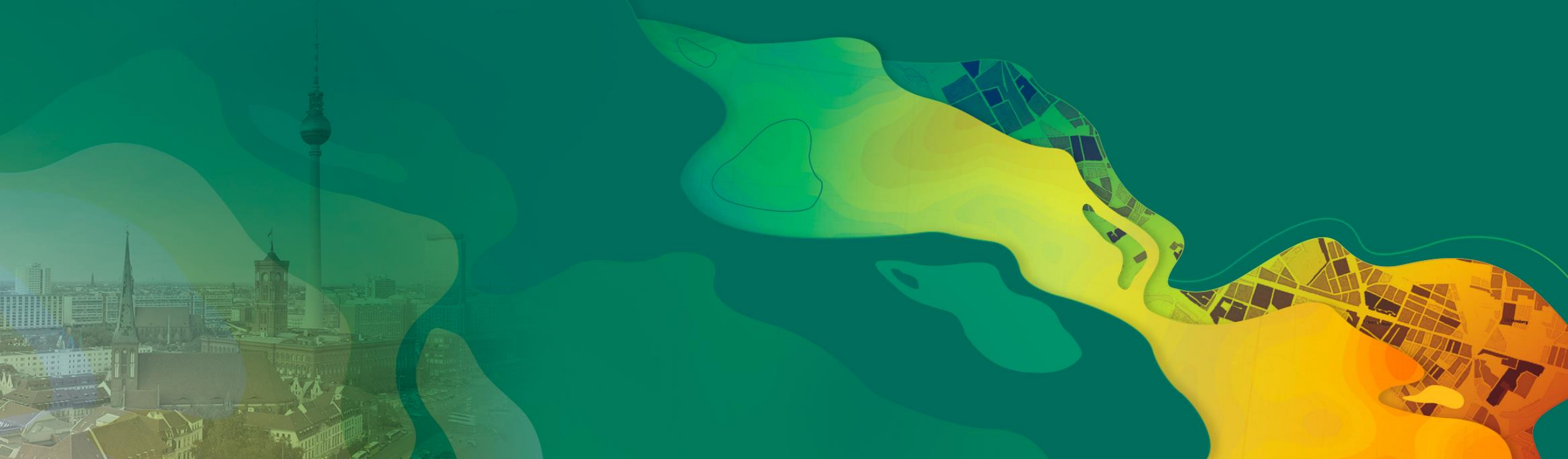


DEVELOPER
SUMMIT

EUROPE

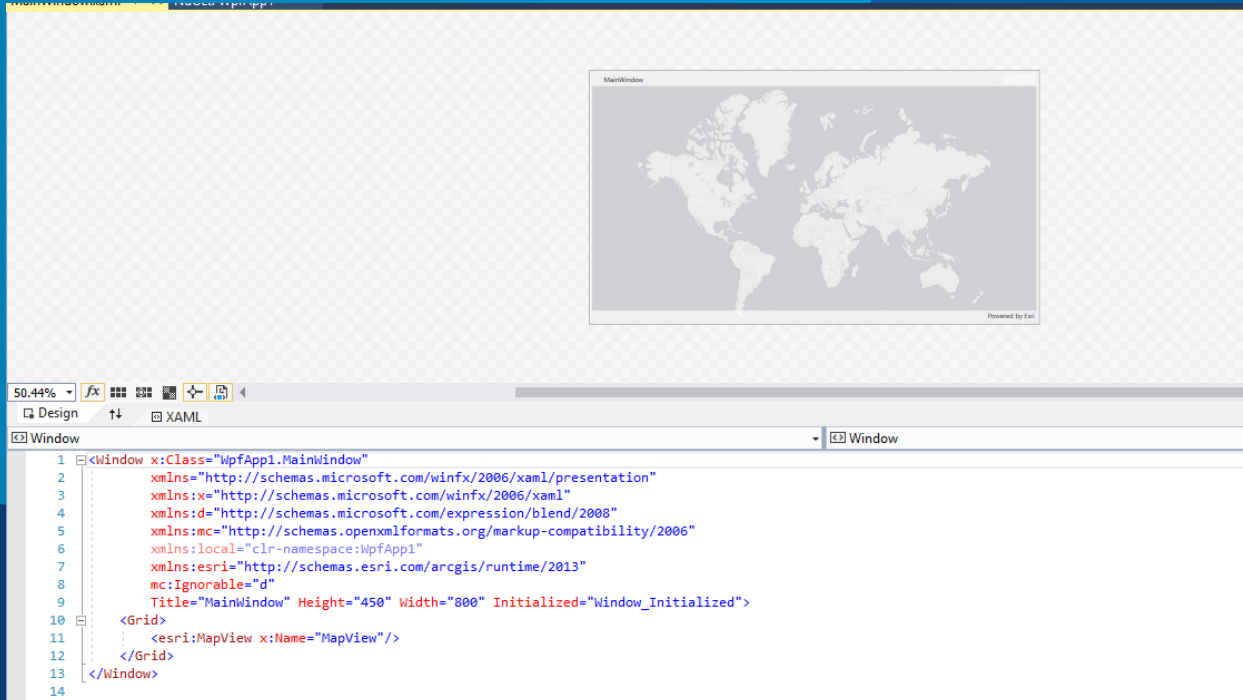
ArcGIS Runtime Explorer

Jens Buchta



The most simple ArcGIS Runtime App

Jens Buchta



Introducing the ArcGIS Runtime Explorer

- **A WPF Application to explore the contents of offline data packages**
 - **Mobile geodatabase (.geodatabase)**
 - **Mobile Map Package (.mmpk)**
 - **Compact / Exploded**
- **Display the map(s)**
- **Use the embedded locator (if any)**
- **Check layers symbology**
- **Inspect Properties**

Some Use Cases

- **Does the map look right?**
 - All symbols as defined in ArcGIS Pro?
 - Min- / MaxScale properties set up correctly?
 - Definition Queries?
 - Does the initial extent fit?
 - Lower / Upper MapScale limits?
- **Does the locator work as expected?**

Use Cases (a bit more developer centric)

- **Change Properties of ArcGIS Objects on the fly**
 - **Enable / Disable a layer**
 - **Change Definition Expression on the layer**
 - **Change Min- / MaxScale of the layer**

Target Users

- A tool from developers for developers
- Deployed only in source code, not as an app
 - “If you can’t compile it, you don’t deserve to use it”

The ArcGIS Runtime Explorer IS NOT...

- ... designed for the end user
 - UI / UX is quite bad in some places (and won't be fixed)
- ... error free / well tested
 - Yes, it crashes in some cases
- ... a good starting point for your own projects
 - There are some bad design design decisions in code
 - However, you can have a look at how things are implemented, of course

Resources

- <https://github.com/EsriDE/arcgis-runtime-explorer>
- **Feel free to fork and contribute!**

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