

Angular Workshop

Topics

- Reactivity with Observables and Signals
 - RxJS operators
- Domain / Business architecture
- Performance improvements

Diving In

Users report dissatisfaction with the App's performance. You are aware that the back-end is slow to answer, but that is outside the scope of your work. Instead, you investigate the front-end...

1. Run the app (available on [StackBlitz](#))
2. The app's sole purpose is to download & display information
3. Freely explore causes & solutions to improve user satisfaction

Investigation

There are two main slowdown issues. DevTools is helpful to pinpoint those:

1. Performance Analysis

- Something is consuming power between the download & display (what? why?)

2. Network Analysis

- Is a sequential load the best approach?

Solutions

- User experience has useful metrics, but no universal truth
 - Time to ... interactive? first paint? etc.
- Performance as part of the design
 - Consider User Feedback (e.g., 'What is essential / optional?')
- Asynchronous data, asynchronous loading
- Data structures (temporal/spatial complexity)