

REACT POC

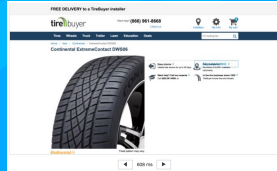
KEY RESULTS AND LESSONS

- **Significant Performance Increases**
- **Smaller Code Bundle Sizes**
- **More Efficient Development Process**
- **Easier to Debug and Test**

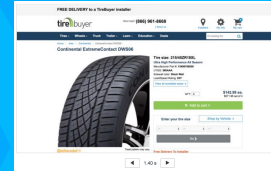
PERFORMANCE

CURRENT PRODUCTION CODE

Initial Load: 608 ms

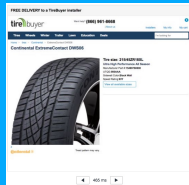


Page Ready: 1.4 s

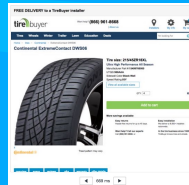


REACT PROOF OF CONCEPT CODE

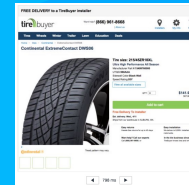
Initial Load: 485 ms



React Loaded: 753 ms



Page Ready: 798 ms



DEVELOPMENT

- **Smaller, reusable components**
faster development, fewer bugs
- **Faster build process**
more iteration, less waiting
- **It's all just JavaScript**
easier to train and learn
- **Large Dev Community**
easier to find answers

DEBUGGING/TESTING



- **Simpler codebase**
easier to understand and reason through
- **Sophisticated tools**
easier to understand code on page
- **Built to be tested**
Automated testing reduces defects before QA even sees them

NEXT STEPS

- **Compare notes with Huntersville Team**

Consult with ATD's Angular experts to determine the best framework solution

