

Module Bundlers



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Overview



Role of module bundlers

Bundler workflow

Browserify

Webpack

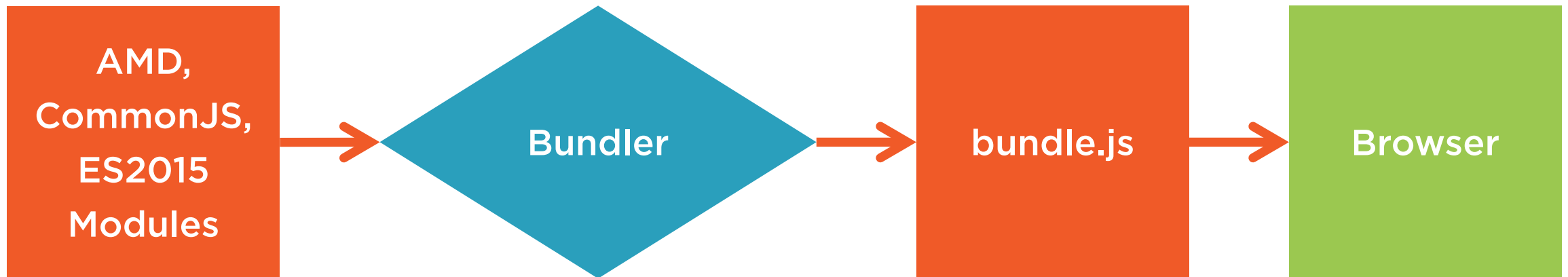


The Role of a Module Bundler

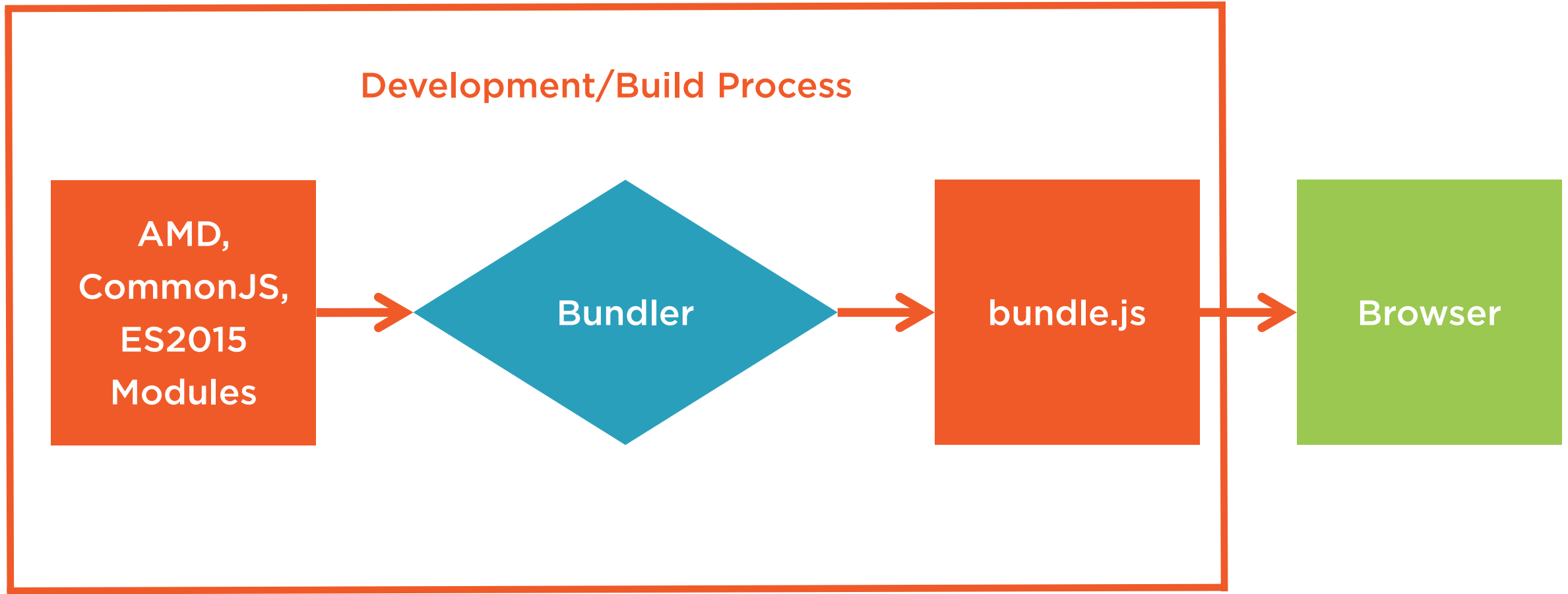
- Alternative to module loaders**
- Follow module dependencies**
- Correctly order dependencies**
- Combine modules into fewer files**
- May decrease application startup time**



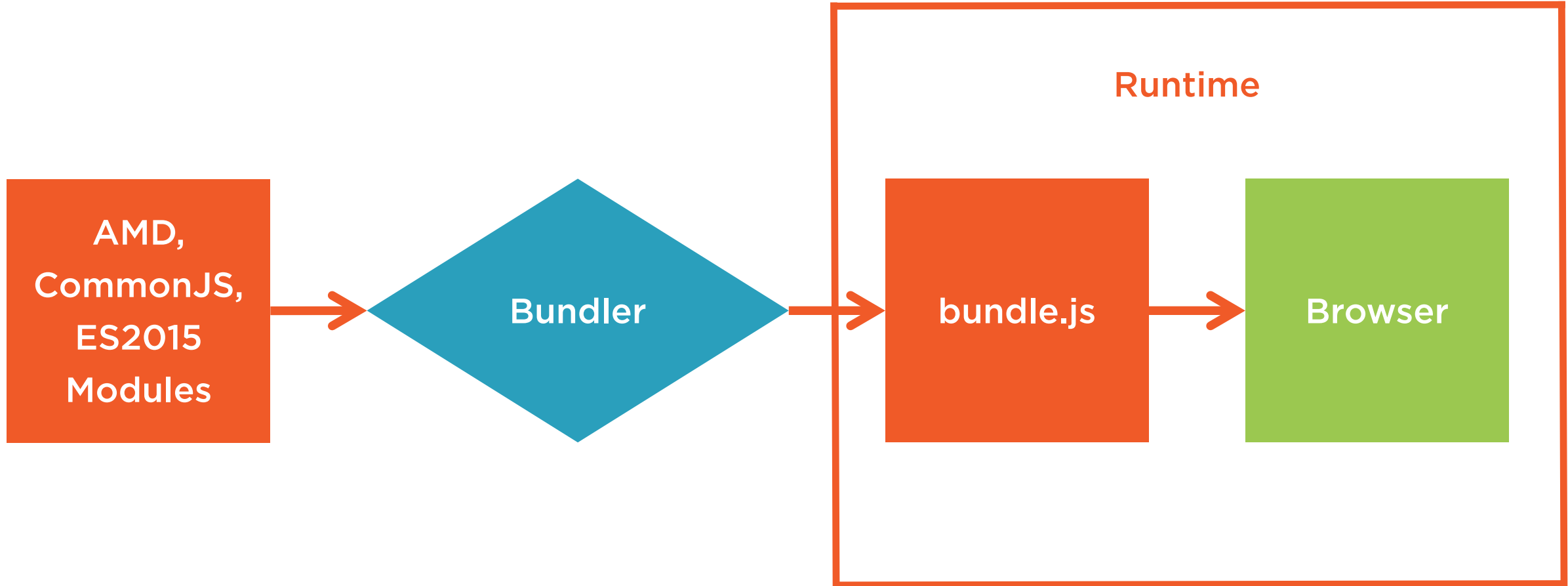
Module Bundler Workflow



Module Bundler Workflow



Module Bundler Workflow



Browserify

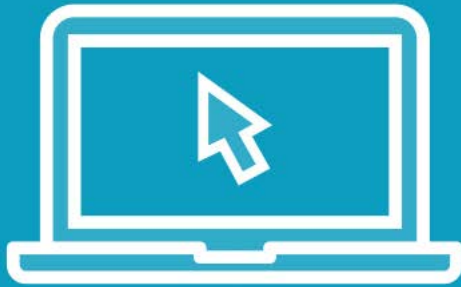
**Attempts to make Node.js modules
available for browser apps**

Bundles CommonJS modules

Easy to use and works great!



Demo



Bundling CommonJS modules with Browserify



Webpack

Bundles AMD, CommonJS, and ES2015 modules

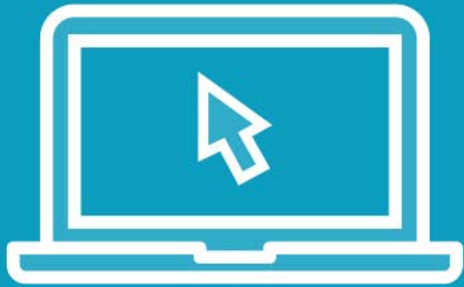
Code splitting

Bundles more than just JavaScript modules

Uses “loaders” for transformation before bundling



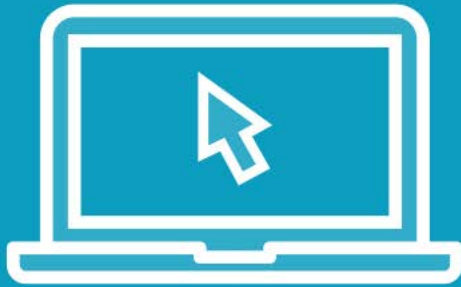
Demo



Bundling AMD modules with Webpack



Demo



**Transpiling and bundling ES2015 modules
with Babel and Webpack**



Summary



Role of module bundlers

Replacement for module loaders

Browserify

Webpack

Related Courses

- *Creating JavaScript Modules with Browserify*
- *Webpack Fundamentals*



Thanks for watching!

