

Introduction

- ES5
- ES2015 (ES6)
- Typescript

ES5

- Javascript
- ECMA Script
- Version 5

ES2015

- ❑ ECMA Script 2015
- ❑ ES2015 aka ES6
- ❑ New features
- ❑ $\text{ES2015} = \text{ES5} + \text{Awesome features}$

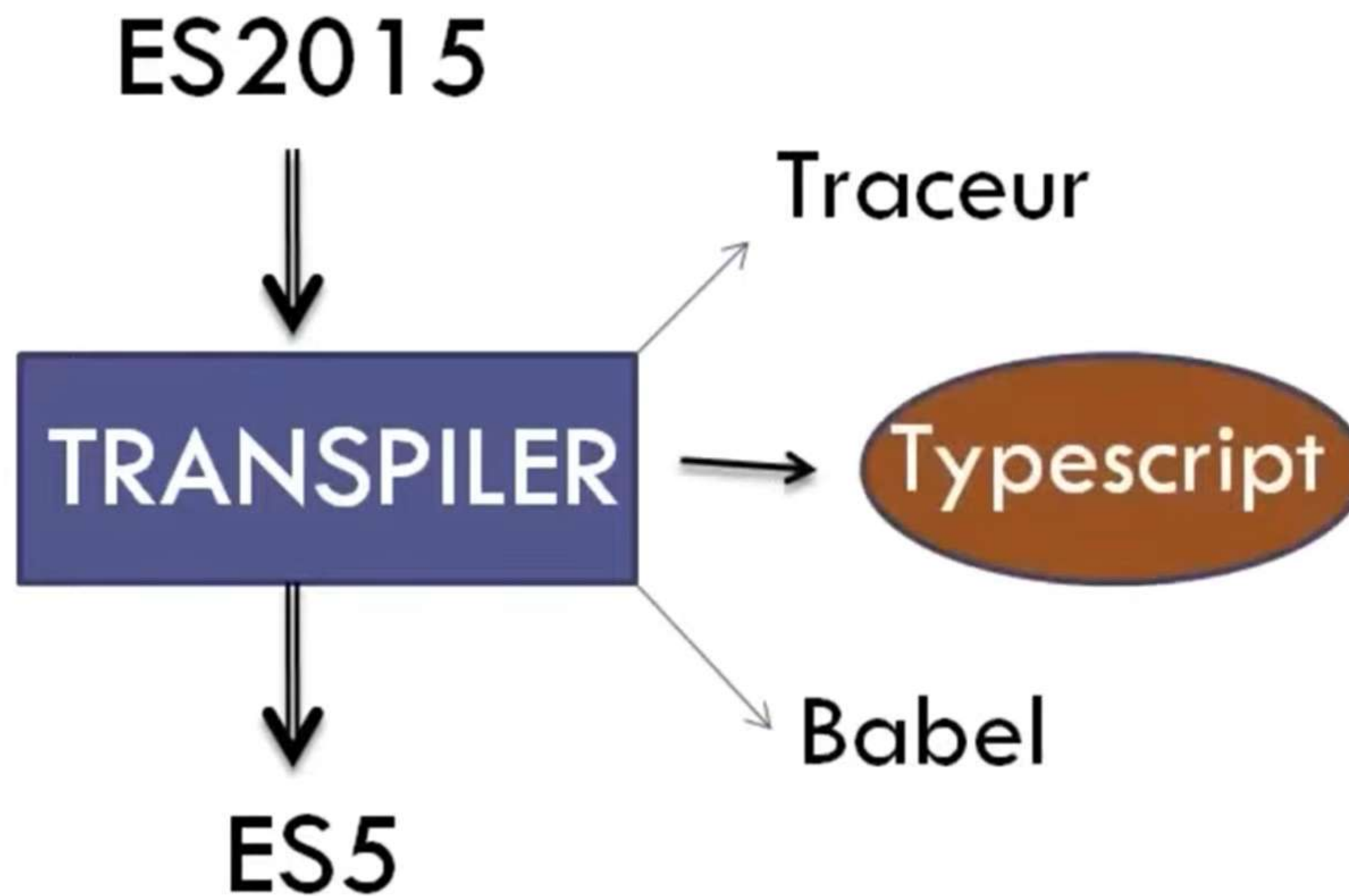
Typescript

- ❑ Open source
- ❑ Microsoft
- ❑ Typed superset of JS
- ❑ Compiles to plain Javascript
- ❑ Features of ES2015, ES2016
- ❑ Types (Optional)
- ❑ Safer code

Transpilers

- New features in ES2015
- Chrome and Firefox
- Transpiler

Transpiler

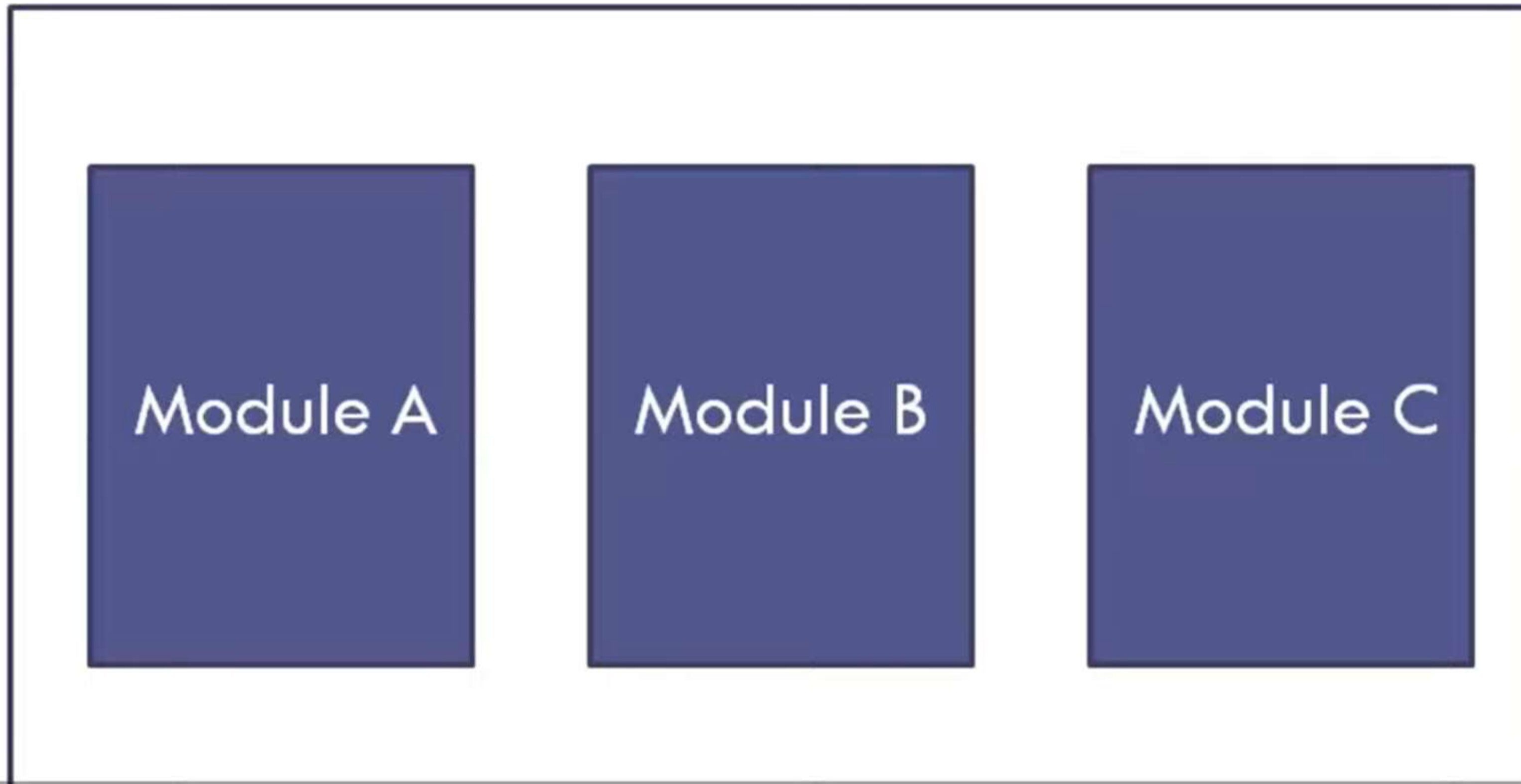


Modules

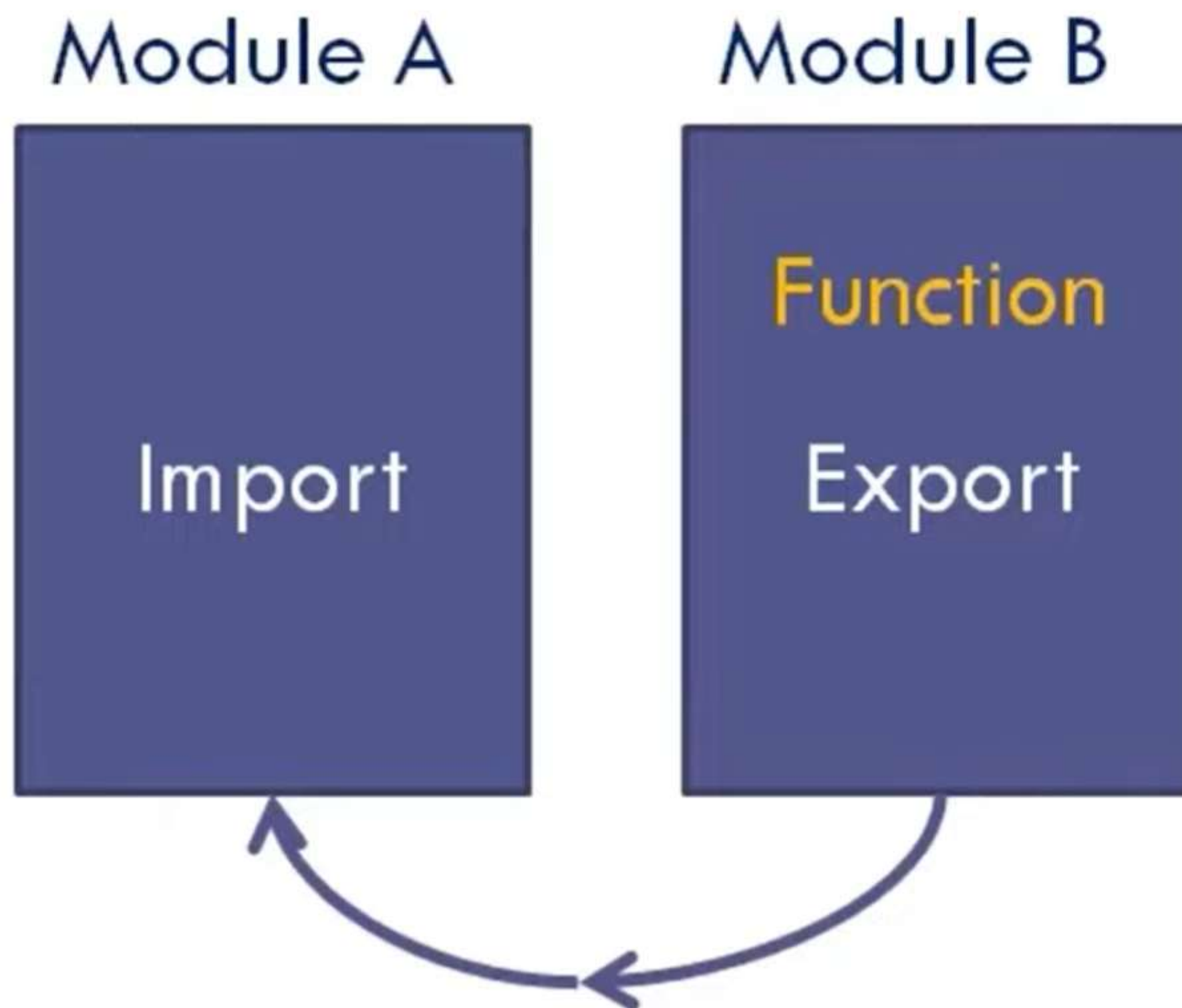
- Book – Chapters and Sections
- Understand the progression
- Find specific parts
- Focus

Modules

Program – Separation of concern



Modules



Typescript

- ❑ Typed superset of Javascript
- ❑ Types are optional
- ❑ Why?
- ❑ Identify mistakes during development
- ❑ Tool support
- ❑ $TS = ES5 + ES6 + ES7 + \text{Features}$