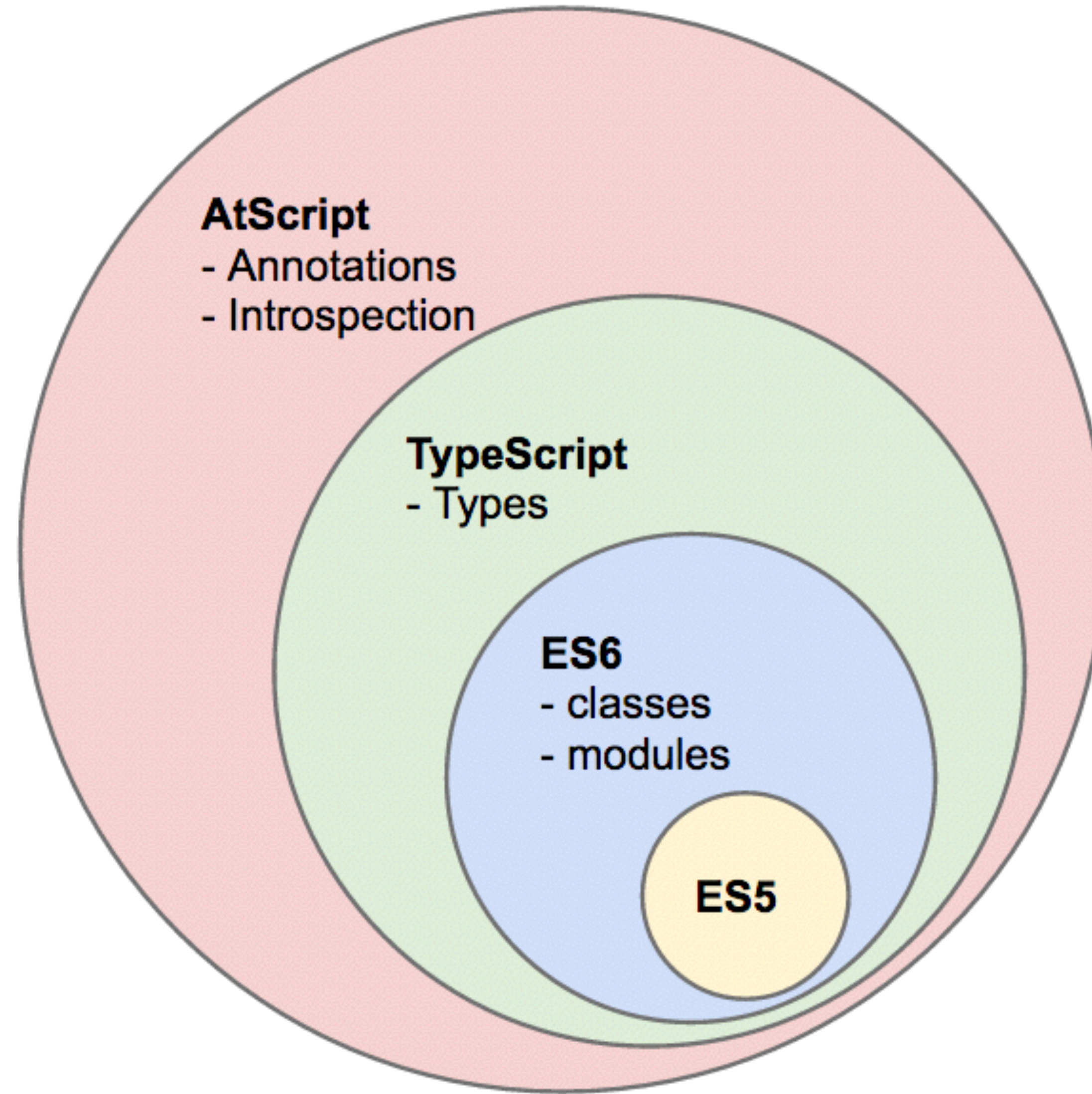


Using TypeScript Decorators with Angular

Decorators





Annotations vs Decorators

A decorator is (from the proposal):

- An expression
- That evaluates to a function
- That takes the target, name, and decorator descriptor as arguments
- And optionally returns a decorator descriptor to install on the target object


```
// A simple decorator
```

```
@decoratorExpression
```

```
class MyClass { }
```

```
function decoratorExpression(target) {
```

```
    // Add a property on target
```

```
    target.annotated = true;
```

```
}
```

Decorator Types

Class, Method, Property, Parameter

Browser Support

Object.**defineProperty** and Object.**getOwnPropertyDescriptor**

TypeScript Compiler Options

```
"compilerOptions": {  
  "target": "es5",  
  "experimentalDecorators": true,  
  "emitDecoratorMetadata": false  
}
```

Demos

Thanks!

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