

Inside The Matrix

Dependency Injection for Mere Mortals

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Dependency

Injected

Wat?

Without DI...



With DI...



DI can help you...

- ✓ Reuse components
- ✓ More easily test components
- ✓ Swap implementations
- ✓ Make your code more readable
- ✓ Shield dependent objects from api changes
- ✓ Reduce the need to carry dependencies down a dependency chain



Use DI when...

- assembling and configuring loosely coupled components
 - independent components
 - different abstraction layers
- injecting configuration data
- injecting the same dependency into multiple components
- injecting different implementations
- injecting the same implementation into different configurations

Don't use DI when...

you'll never need a different implementation
AND
you'll never need a different configuration

Doesn't CommonJS give you DI?

```
var foo = require('./my-dependency');
```


Nope

```
var foo = require('./my-dependency');
```

different implementation = code change

architect.js

<https://github.com/c9/architect>

Show some CODE!

github.com/tbashor/dependency-injection-examples

**Want to take the
red pill?**



Start Something Great

