As is, what is wrong with this code?

NOTHING – It’s fine, as long as this is all there will ever be

What if…

* Unit testing?
* Multiple shippers?
* Unimplemented provider?

**Dependency Inversion** - Extract Interfaces

Still a problem – we are *creating* our own dependencies still

**Inversion of Control - Factory** (snippet)

Use factory to create the dependencies

**Dependency Injection** - Now inject the service into the Order Processor

**(WE CAN TEST NOW!)**

Now we need multiple shippers…

Change Order Processor to take list of IShipperService

Add FedEx (snippet)

Still friction – need to worry about updating the factory every time something changes

**Injector** (snippet)

Another name for Injector – **Inversion of Control Container**

Add Foo class – make something depend on it.