

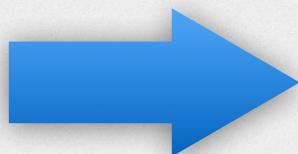
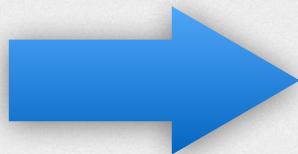
Introducing

Concurrency

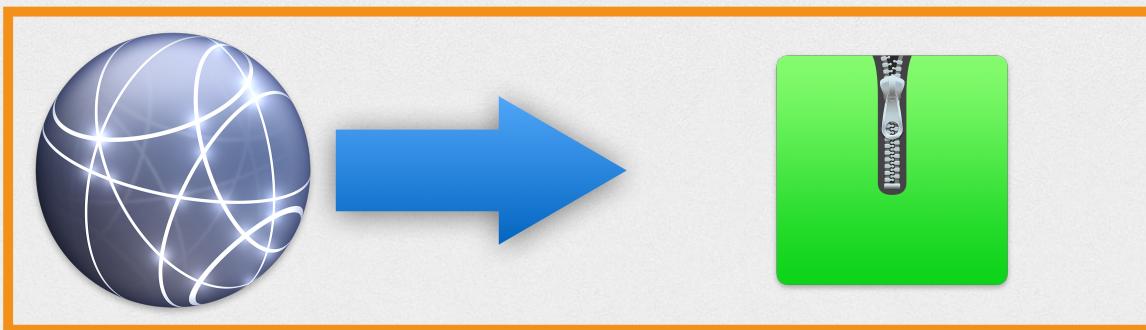
Dependencies

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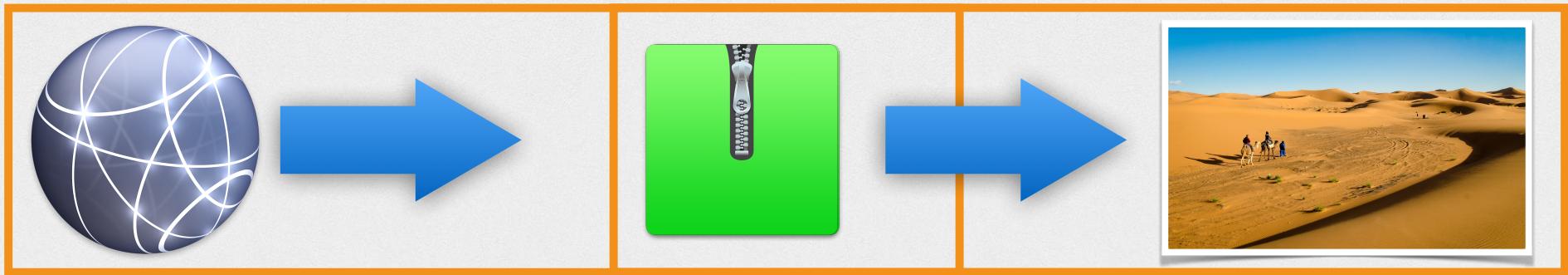
Load and Decompress



Load and Decompress



Load and Decompress



NSOperation Dependencies

```
public class NSOperation : NSObject {  
  
    public func addDependency(op: NSOperation)  
    public func removeDependency(op: NSOperation)  
  
    public var dependencies: [NSOperation] { get }  
    ...  
}
```



Passing Data

```
protocol ImageFilterDataProvider {  
    var image: UIImage? { get }  
}  
  
extension ImageDecompressionOperation: ImageFilterDataProvider {  
    var image: UIImage? { return outputImage }  
}
```



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```
if let imageProvider = dependencies  
    .filter({ $0 is ImageFilterDataProvider })  
    .first as? ImageFilterDataProvider {  
  
    inputImage = imageProvider.image  
}
```

It's Challenge Time!



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