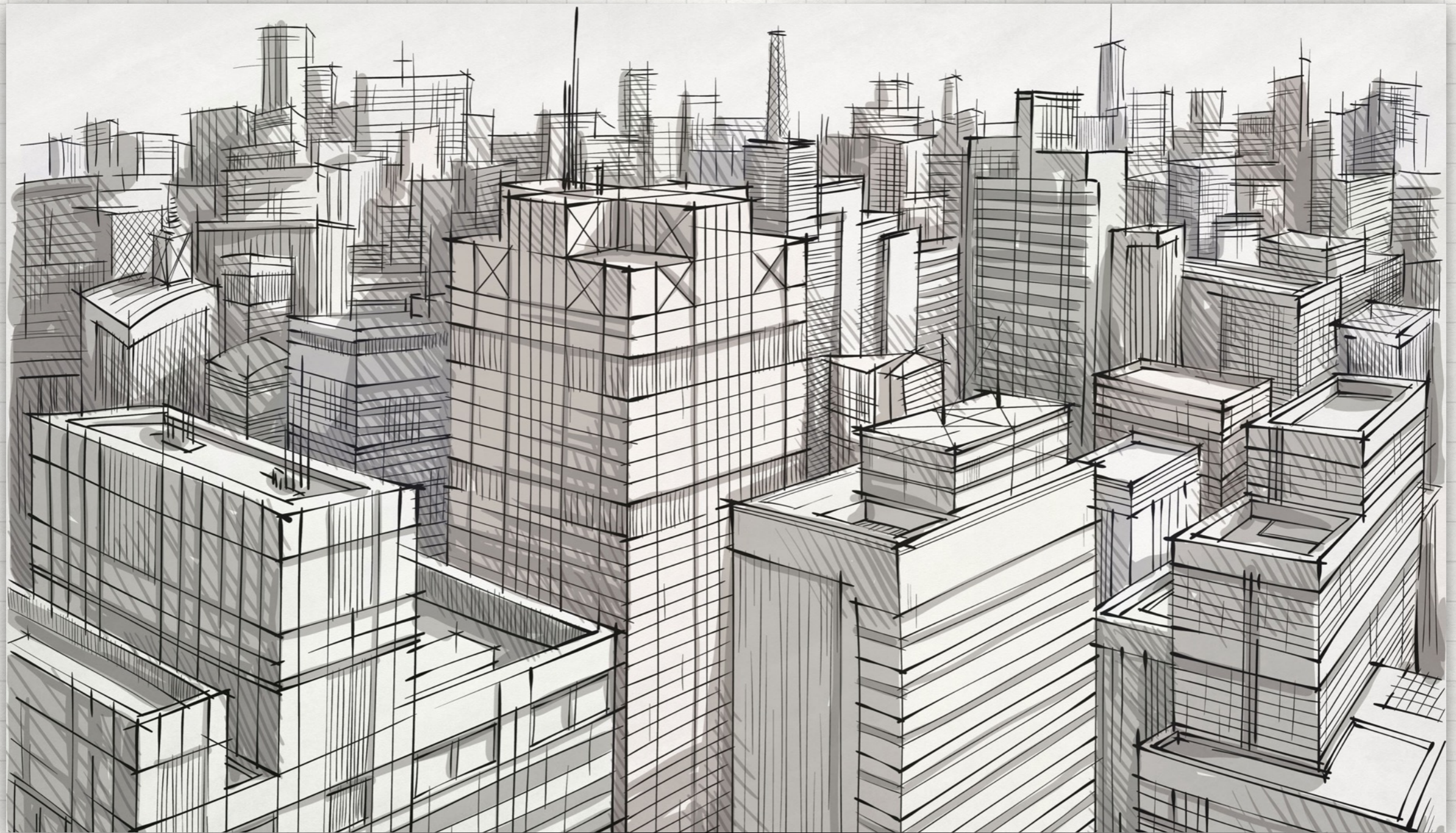
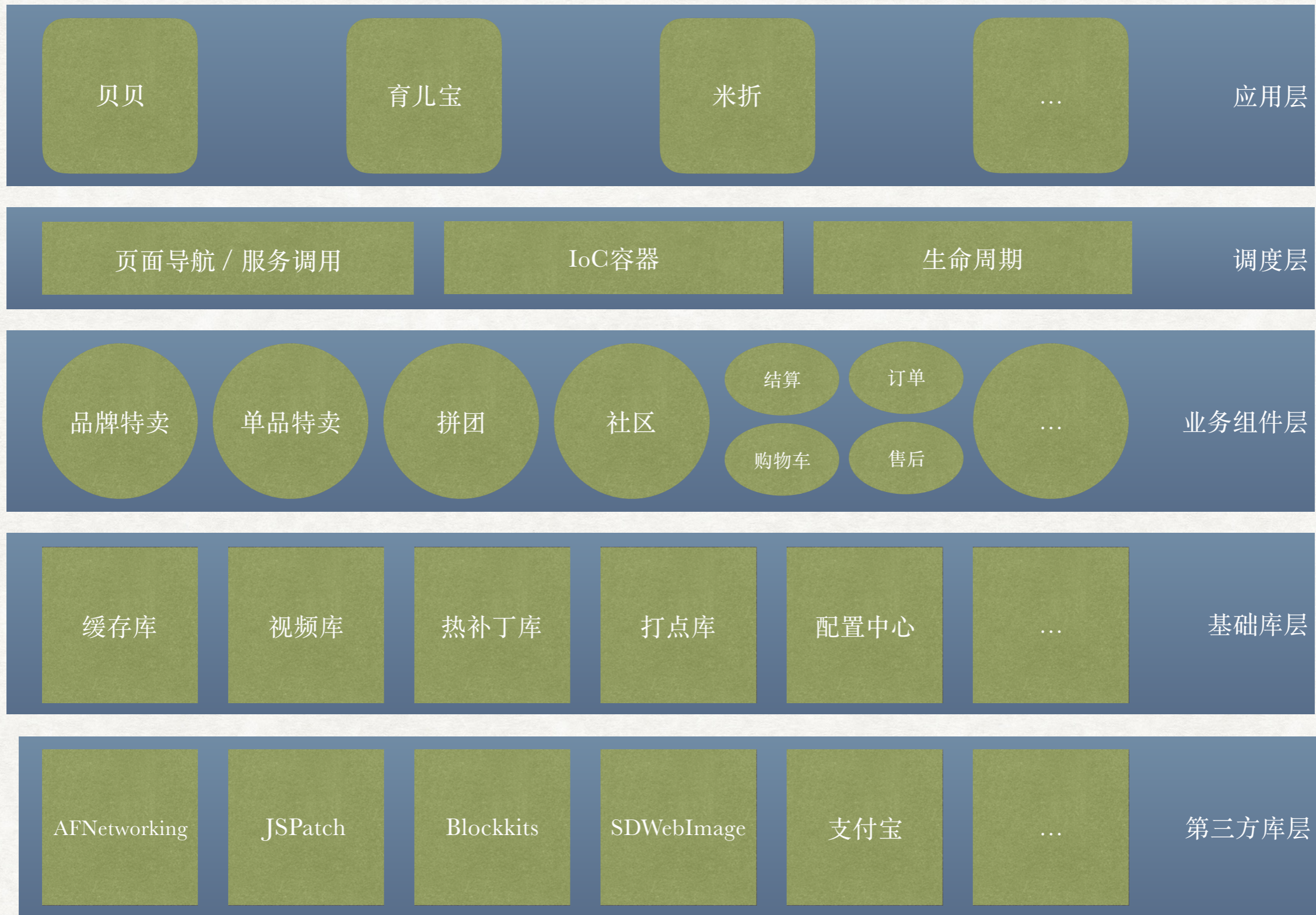


iOS应用组件化实践

- 徐可@贝贝



什么是“组件化”？



买母婴上贝贝

解决了什么问题

解决了什么问题？

工程管理

编译速度

版本发布

代码复用

合并冲突

稳定性

.....

依赖解耦

页面导航导致的依赖

```
BBProductViewController *productVC = [[BBProductViewController alloc] init];  
productVC.productId = product.pid;  
[self.navigationController pushViewController:productVC animated:YES];
```

```
bb/product/detail: BBProductViewController  
bb/user/login: BBLoginViewController
```

```
[BBNavigator pushViewController:@"bb/product/detail", params:@{@"pid": @"123"}];
```

```
[BBURLHandler openURL:@"native://bb/product/detail?pid=%@", product.pid];
```



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服务调用导致的依赖

```
BBProductFavoriteService *service = [[BBProductFavoriteService alloc] init];
[service favoriteWithId:product.pid
    onCompleted:^(NSError *error, id result) {
        if (error) {
            NSLog(@"%@", error);
        }
    }];
```

```
[BBOpenService call:@"bb/product/favorite/favorite",
    params:@{@"pid": product.pid},
    onCompleted:^(NSError *error, id result) {
        if (error) {
            NSLog(@"%@", error);
        }
    }
];
```

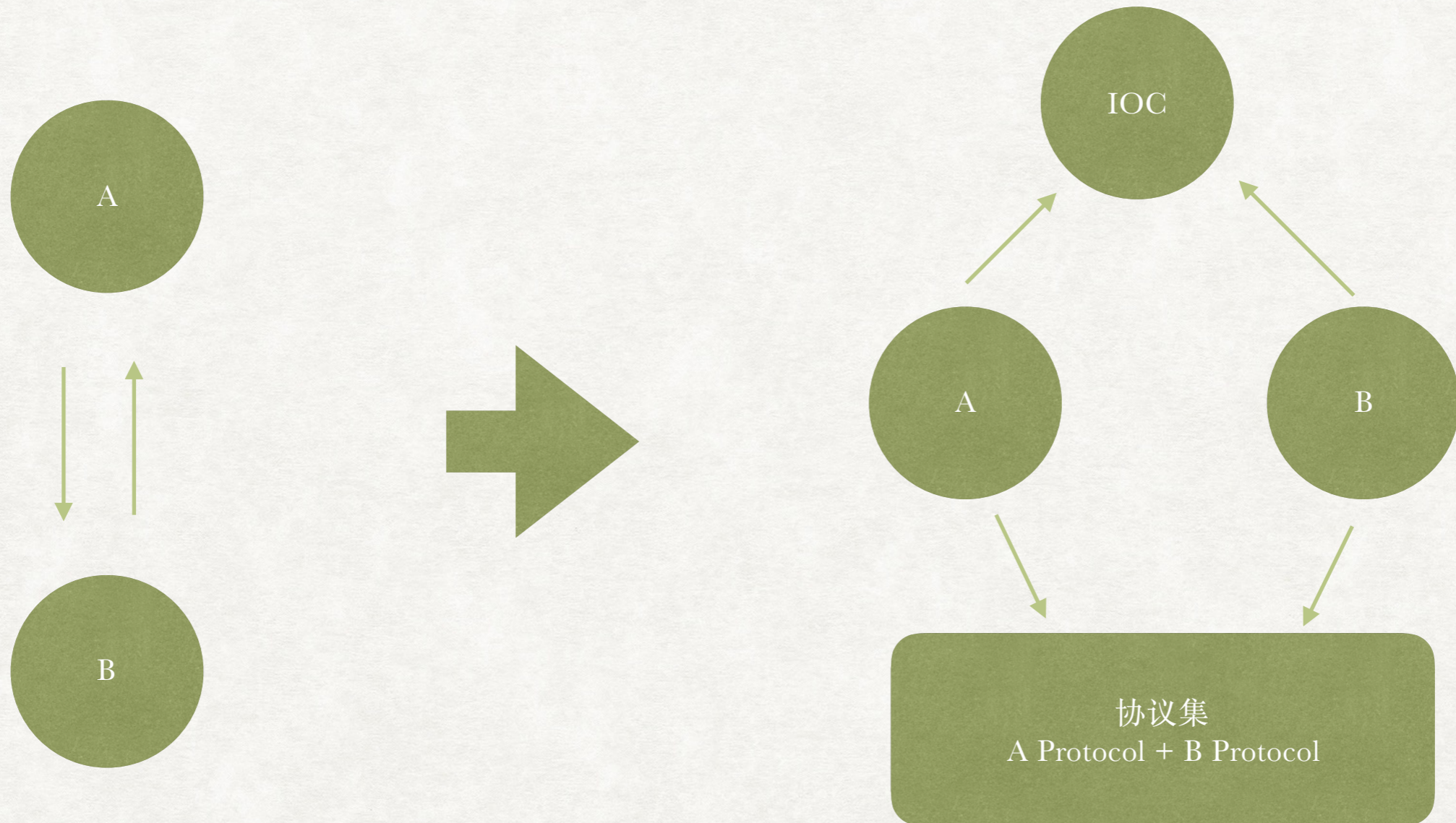
```
@interface BBProductFavoriteOpenService : NSObject
```

```
- (void)favorite:(NSDictionary *)params
    onComplete:(void (^)(NSError *, id result))onCompleteBlock;
```



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相互依赖



`BBNetworkConfigProtocol *config = IOC(BBNetworkConfigProtocol);`

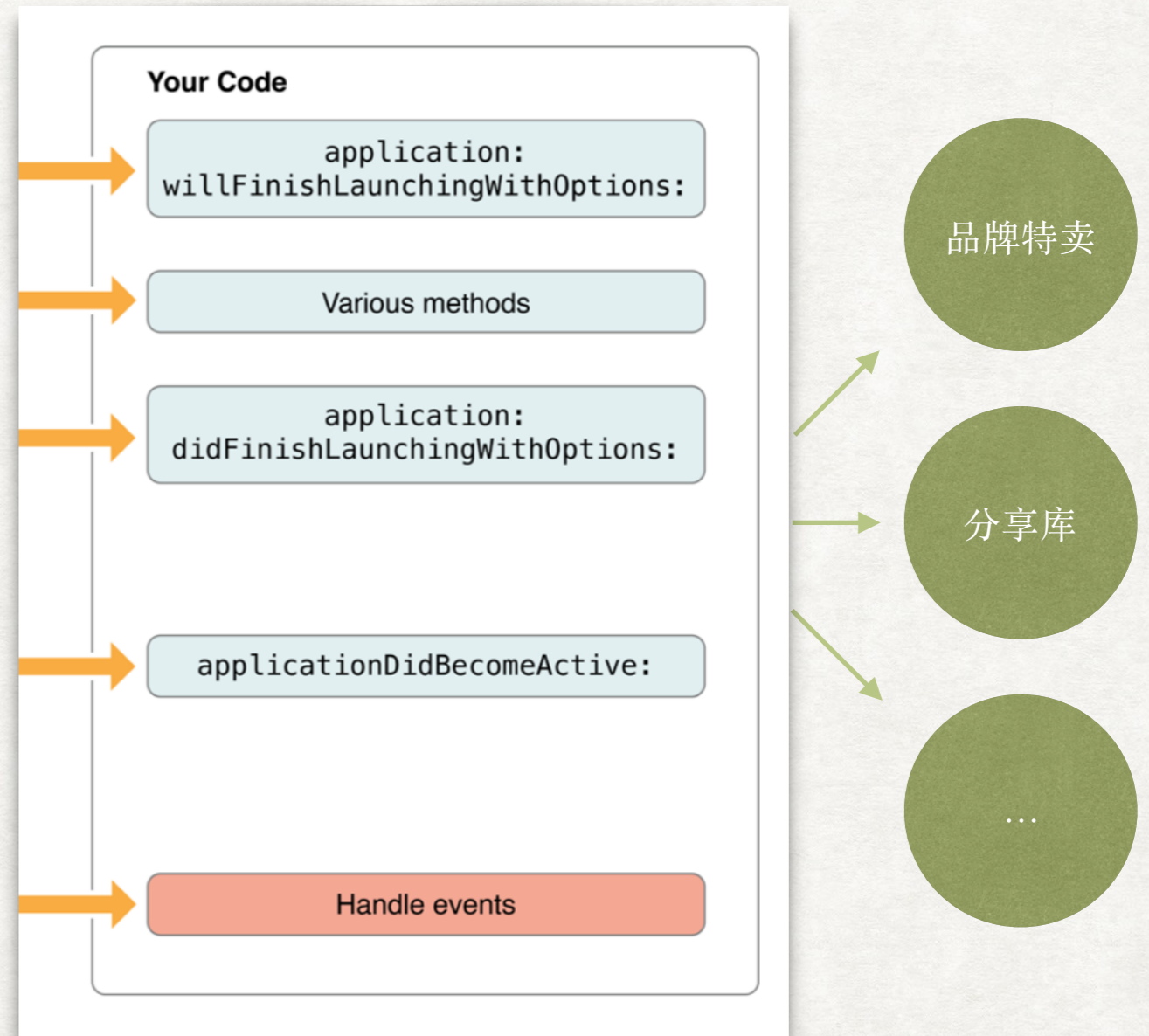
生命周期

Share:

```
sina_weibo_app_key: foo  
sina_weibo_app_secret: bar  
sina_weibo_redirect_URI: foo  
qq_app_id: bar  
weixin_app_id: foo
```

Push:

...

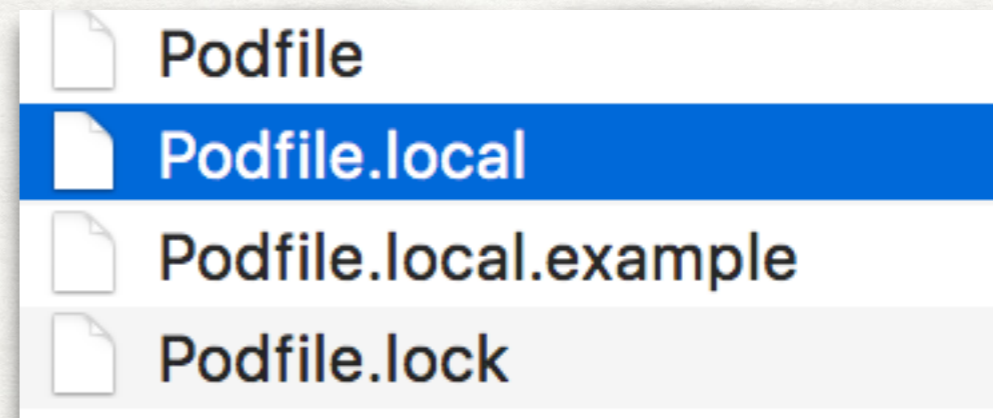


持续集成

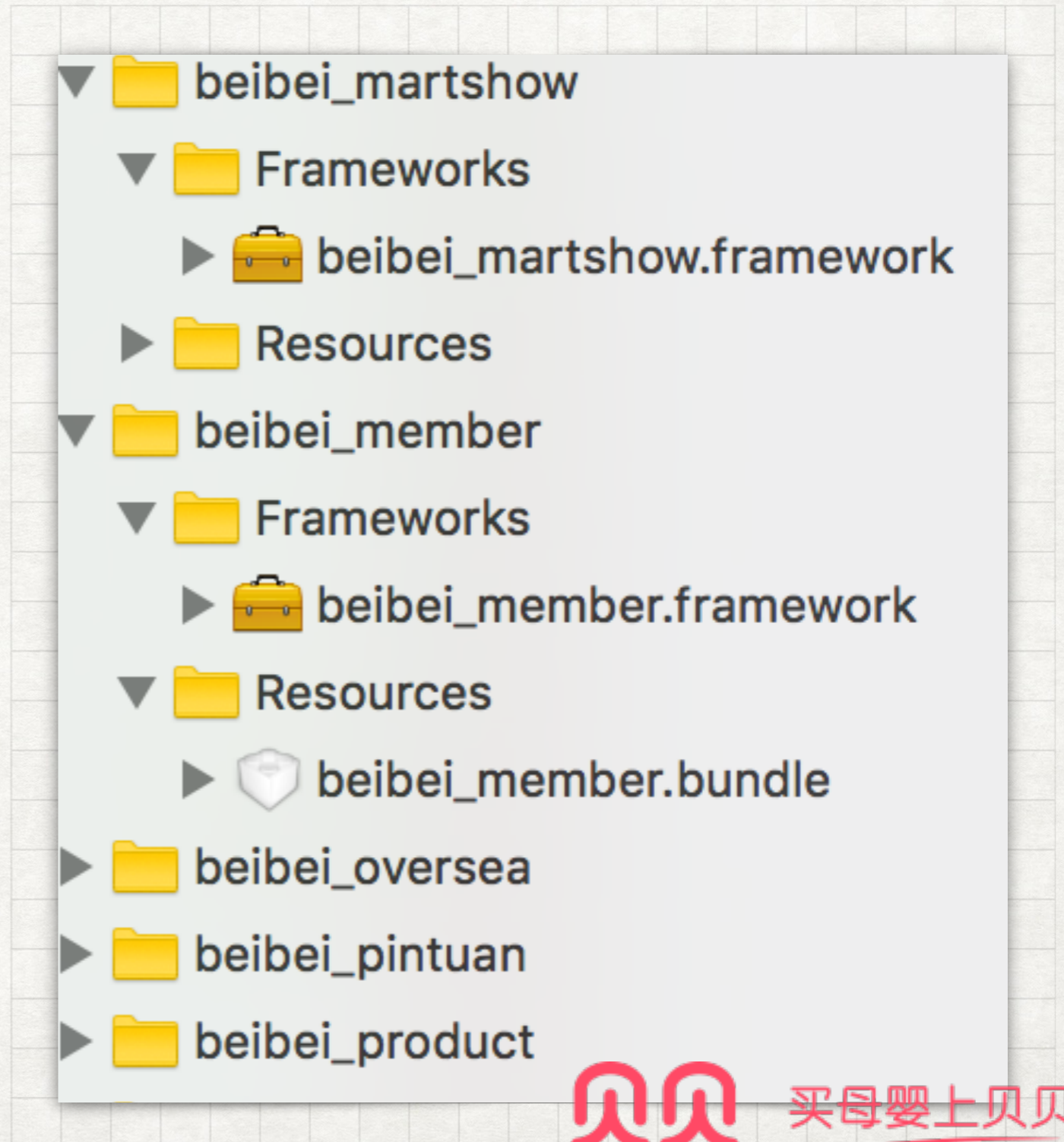
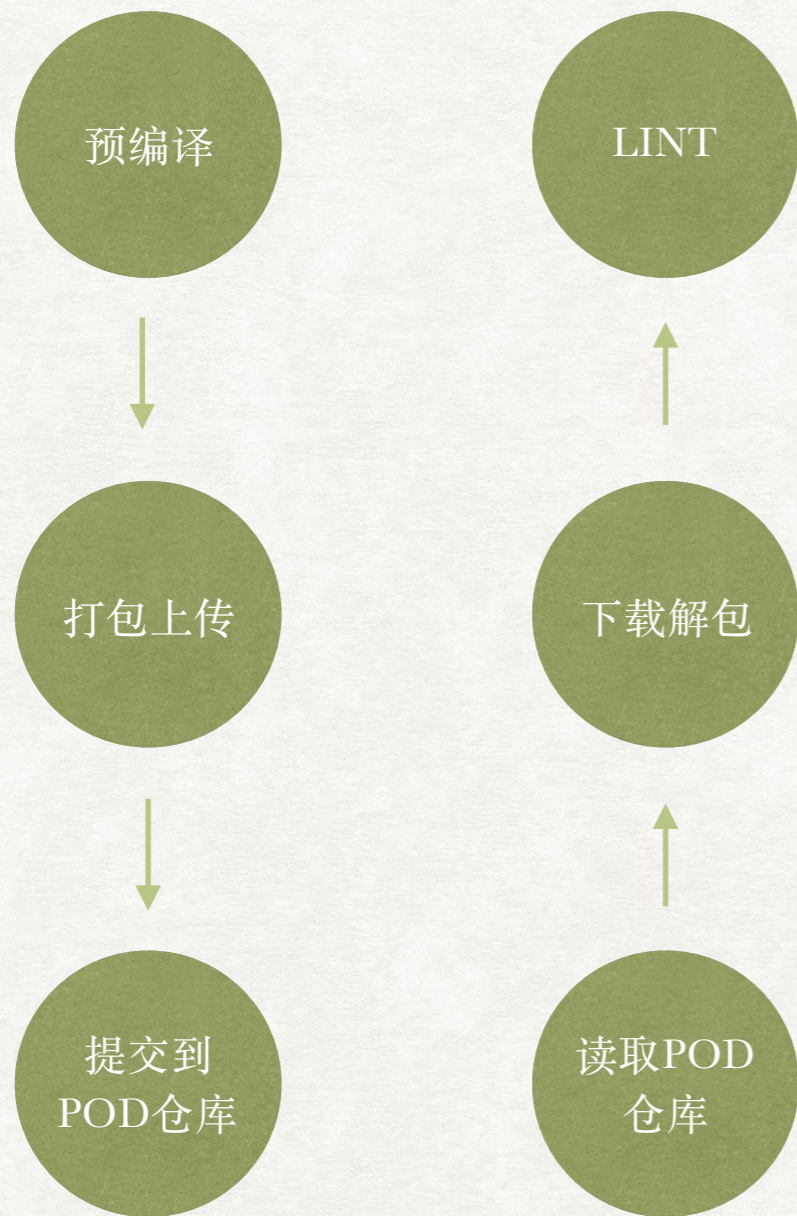
私有POD仓库

```
pod 'beibei_oversea', :git => 'http://gitlab.beibei.com/beibei_oversea.git', :branch => 'develop'  
pod 'beibei_oversea', :git => 'http://gitlab.beibei.com/beibei_oversea.git', :tag => '1.8.0'  
pod 'beibei_oversea', '~> 1.8.0'
```

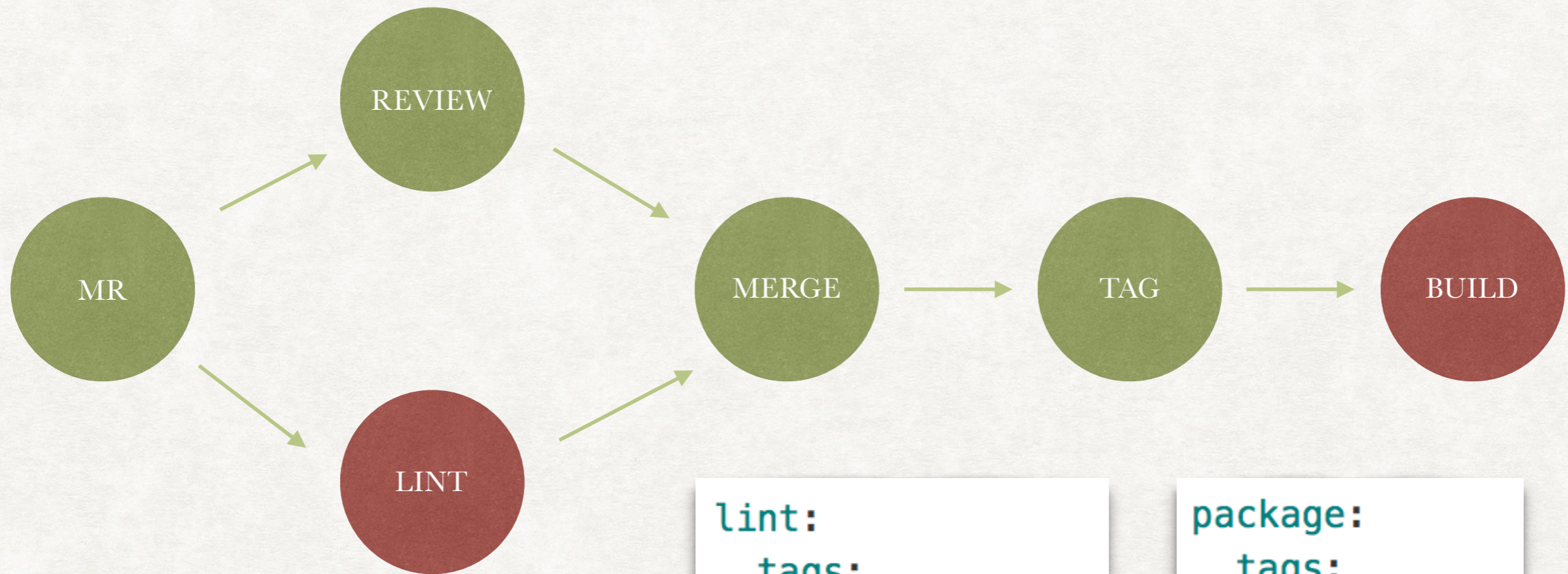
```
pod 'beibei_oversea', '1.8.3'  
pod 'beibei_oversea', :path => '../beibei_oversea'
```



提高编译速度



自动检查与构建



```
lint:  
tags:  
  - mac  
only:  
  - branches  
script:  
  - bbsp lint
```

```
package:  
tags:  
  - mac  
script:  
  - bbsp -j  
only:  
  - tags
```


Smart Version

```
Pod::Spec.new do |s|  
  s.name       = 'BBShareUI'  
  s.version    = '1.3.4'  
  s.summary    = 'A drop-in replacement for BBShare'  
  
  s.authors    = 'Contributors'
```

```
Pod::Spec.new do |s|  
  s.name       = 'BBShareUI'  
  s.version    = (require 'bbshare/smart_version'; BBSP::smart_version)  
  s.summary    = 'A drop-in replacement for BBShare'  
  
  s.authors    = 'Contributors'
```


版本依赖

```
s.dependency 'BBUserCenter', '~> 0.6.2'
```

VS

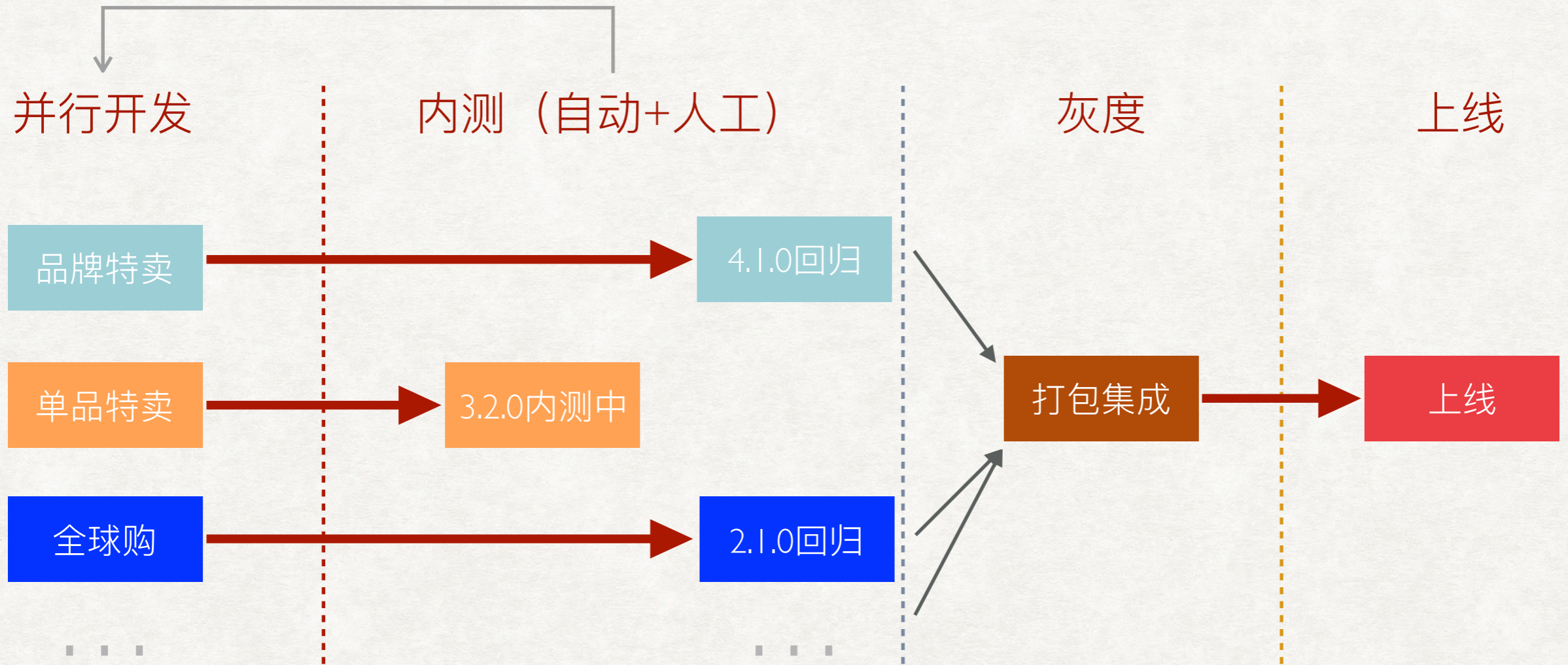
```
s.dependency 'BBUserCenter'
```

特殊情况下才指明版本号，默认情况下不指明



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发布流程



Q&A