

# 美联无线CI平台

慧能

# 现状



# 背景回顾

- 移动端开发人员从10+到50+
- App组件化
- 两周一次快速发版

# 需要解决的问题

- 主分支的质量
- 开发如何交付代码
- 不同业务线的测试工作如何开展
- 代码如何集成

# 如何保障主分支质量

no commit?

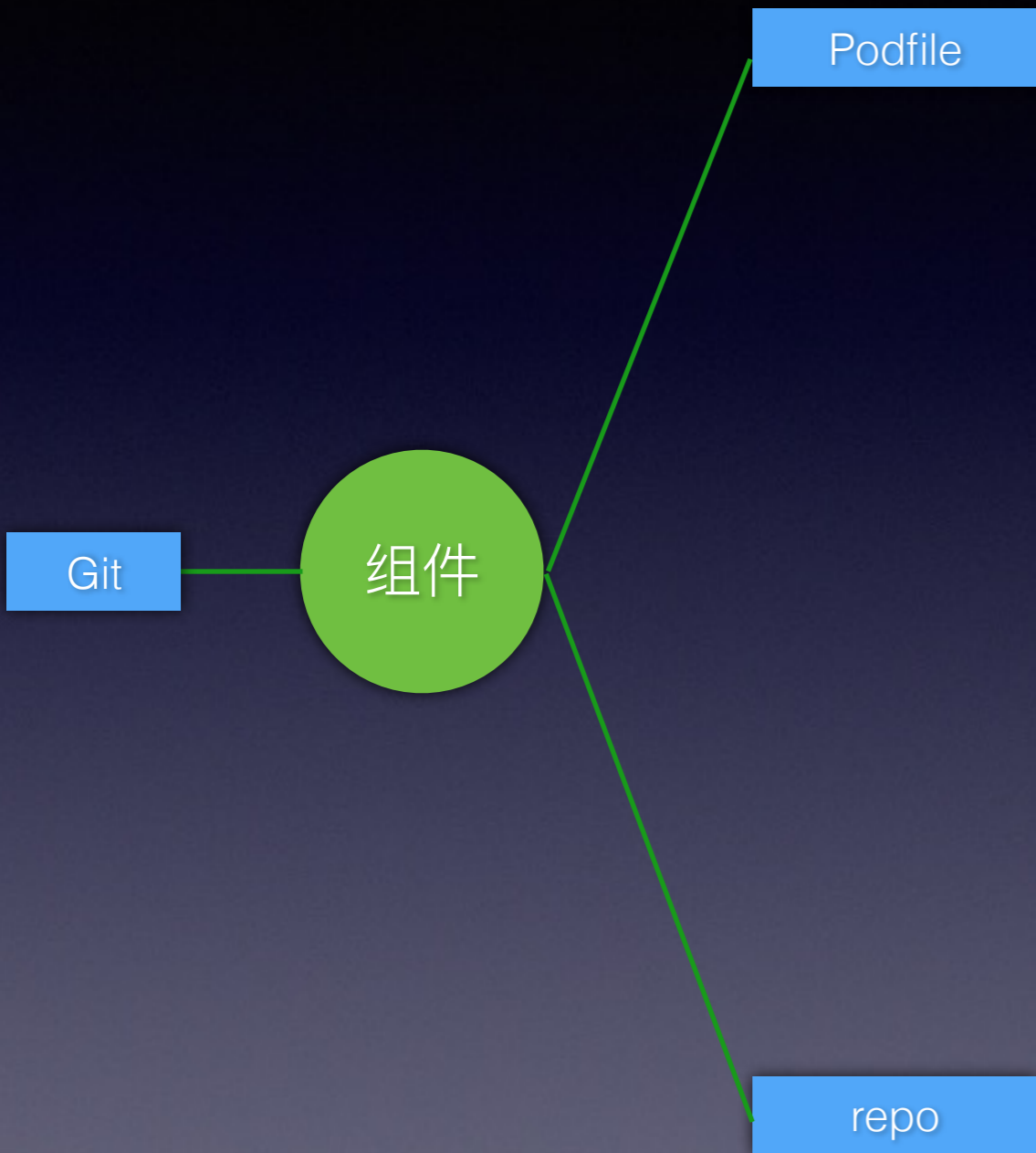


提高主分支的准入条件





# iOS



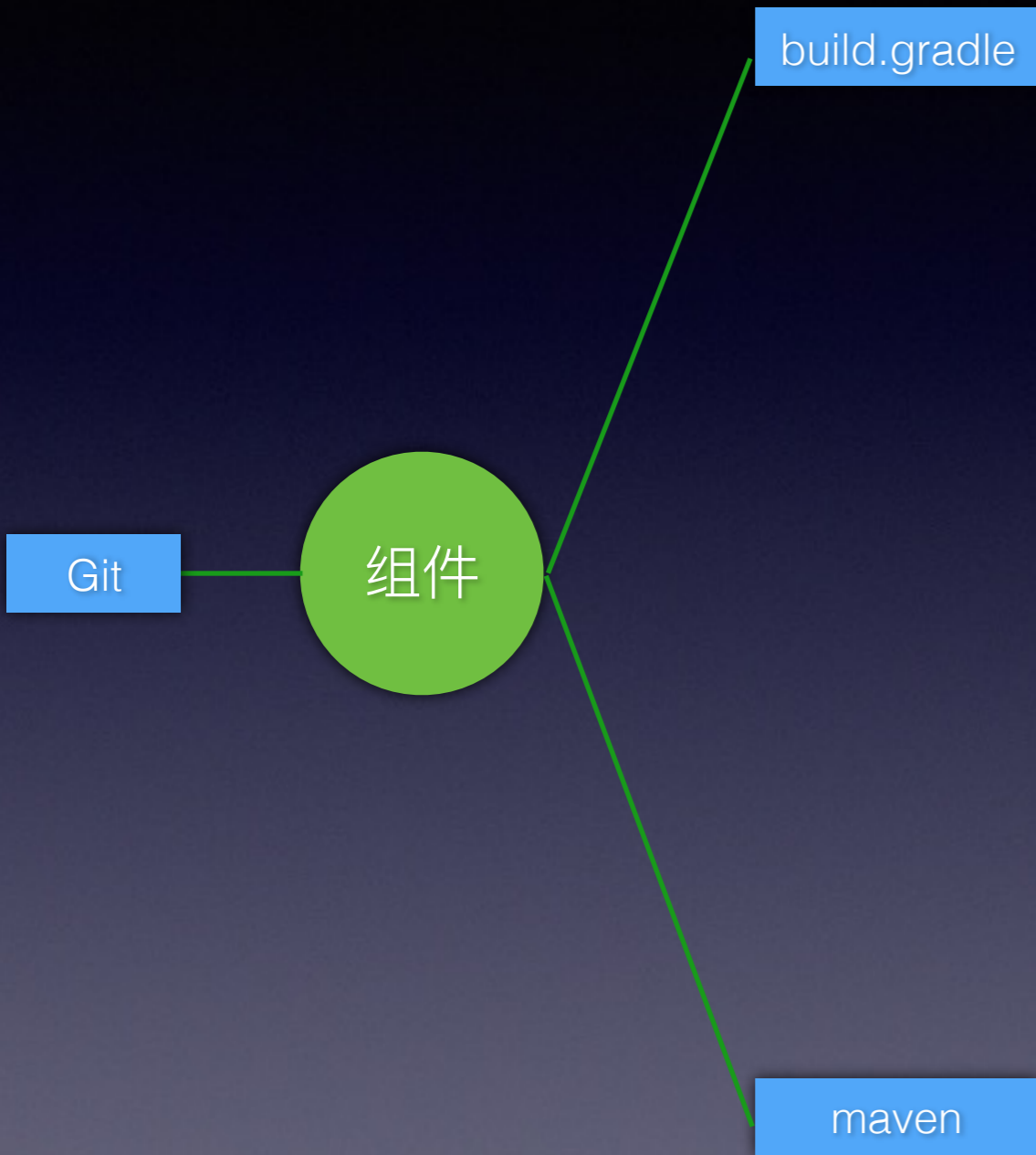
```
source 'http://gitlab.mogujie.org/ios-team/mgjpodspecs.git'
```

```
pod 'MGJCart', '0.0.19'
```

```
mgjpodspecs/Specs/MGJCart/0.0.9/MGJCart.podspec.json
```

```
"source": {  
  "git": "http://gitlab.mogujie.org/eb-team/MGJCart.git",  
  "tag": "0.0.9"  
}
```

# Android



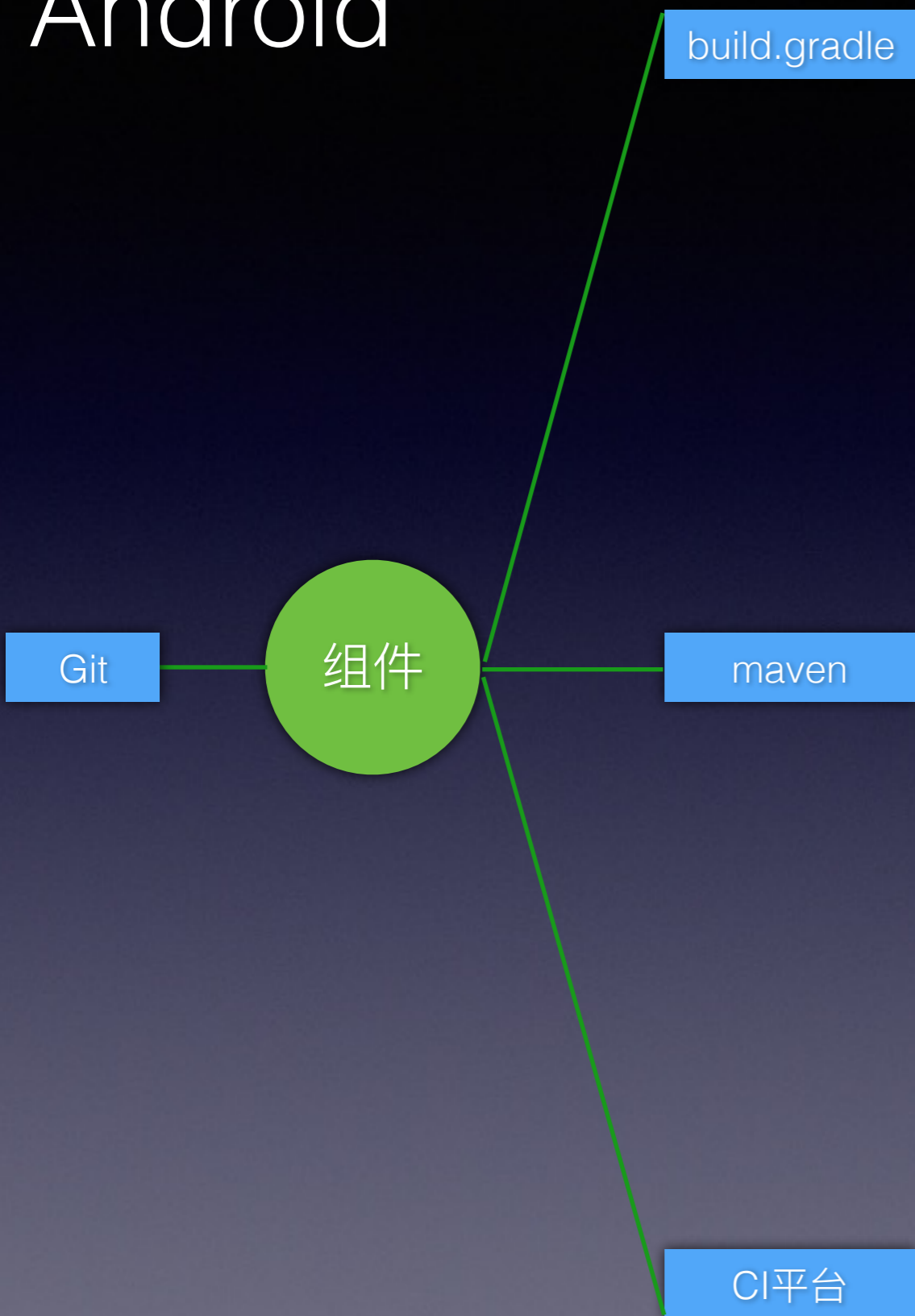
```
maven { url 'http://maven.mogujie.org/nexus/content/groups/mitpublic/' }
```

```
compile 'com.mogujie:security:0.1.0@aar'
```

## Index of /repositories/mitreleases/com/picturewall/lib/0.6.6

Name	Last Modified	Size	Description
<a href="#">Parent Directory</a>			
<a href="#">lib-0.6.6-sources.jar</a>	Wed Feb 15 10:47:21 CST 2017	17971	
<a href="#">lib-0.6.6-sources.jar.md5</a>	Wed Feb 15 10:47:21 CST 2017	32	
<a href="#">lib-0.6.6-sources.jar.sha1</a>	Wed Feb 15 10:47:21 CST 2017	40	
<a href="#">lib-0.6.6.aar</a>	Wed Feb 15 10:47:21 CST 2017	53635	
<a href="#">lib-0.6.6.aar.md5</a>	Wed Feb 15 10:47:21 CST 2017	32	
<a href="#">lib-0.6.6.aar.sha1</a>	Wed Feb 15 10:47:21 CST 2017	40	
<a href="#">lib-0.6.6.pom</a>	Wed Feb 15 10:47:21 CST 2017	1231	

# Android



```
maven { url 'http://maven.mogujie.org/nexus/content/groups/mitpublic/' }
```

```
compile 'com.mogujie:security:0.1.0@aar'
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## Index of /repositories/mitreleases/com/picturewall/lib/0.6.6

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<a href="#">lib-0.6.6.pom</a>	Wed Feb 15 10:47:21 CST 2017	1231	

我的组件

MGJCart 0.0.9

0.0.10-rc.1

升级组件

0.0.10-rc.1

升级组件

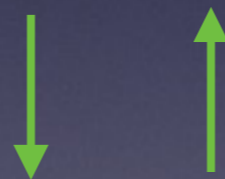
0.1.0-rc.1

1.0.0-rc.1

升级组件



# 如何测试



# 集成逻辑

without CI

集成 =



with CI

集成 =



# 方案上线后。。。

我要集成



# 打包集成效率提升



34mins



# 打包集成效率提升



34mins



7mins

# 时间都去哪儿了?

pod update

update repo

dependencies  
analysis

download  
dependencies

Generate  
project

xcodebuild

compile

Linking

Build Phase

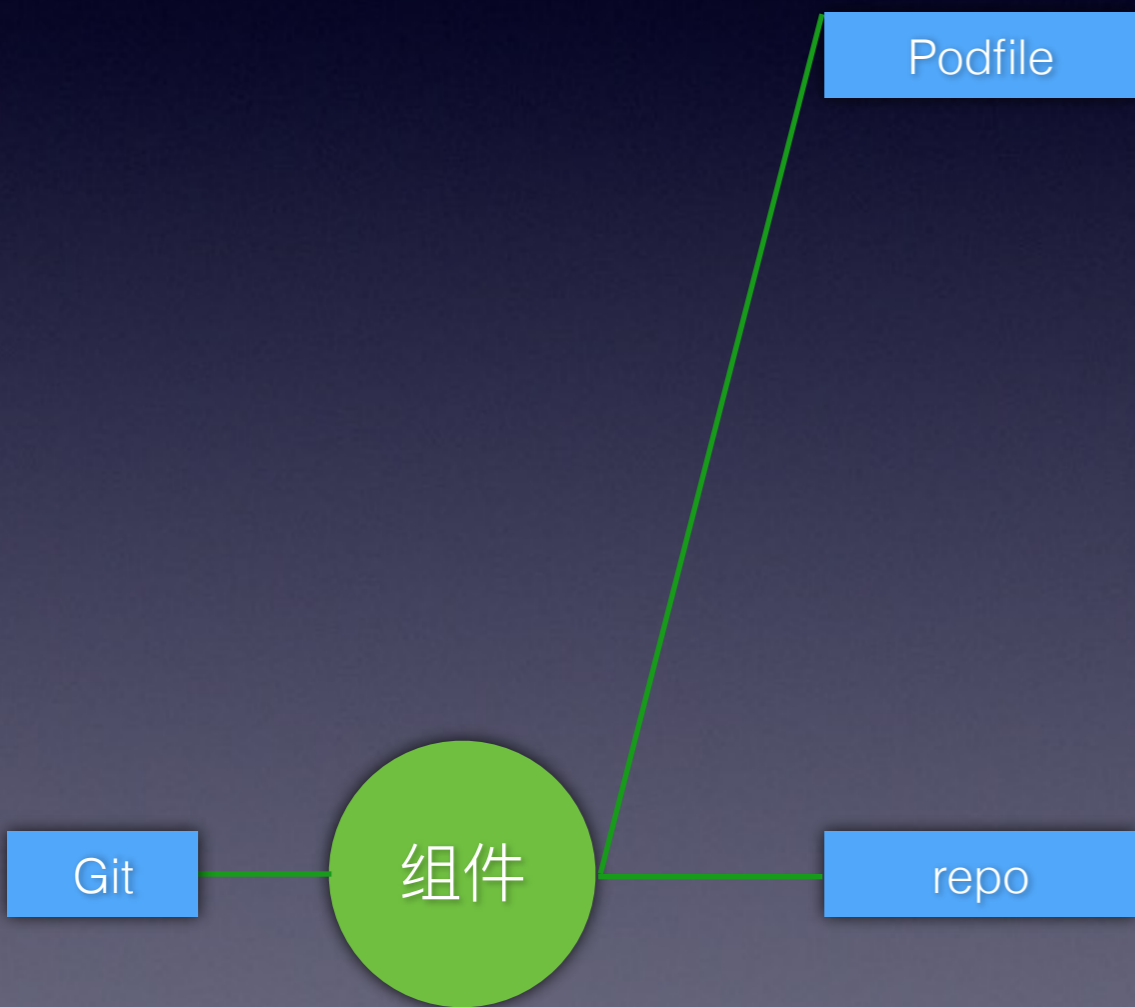
# 加速—source

## Podfile

---

```
source 'http://gitlab.mogujie.org/ios-team/mgjpodspec-nodependence.git'  
source 'http://gitlab.mogujie.org/ios-team/3rdpartyframeworkspec.git'  
source 'http://gitlab.mogujie.org/ios-team/mgjpodspec-framework.git'  
source 'http://gitlab.mogujie.org/ios-team/mgjpodspecs.git'  
source "http://gitlab.mogujie.org/CocoapodsRepos/CocoapodsRepoSpecs.git"  
#source 'http://gitlab.mogujie.org/ios-team/cocoapods-official-specs-mirror.git'
```

# 加速—静态库



```
source 'http://gitlab.mogujie.org/ios-team/mgjpodspec-framework.git'
```

```
pod 'MGJCart', '0.0.19.1'
```

```
mgjpodspec-framework/Specs/MGJCart/0.0.19.1
```

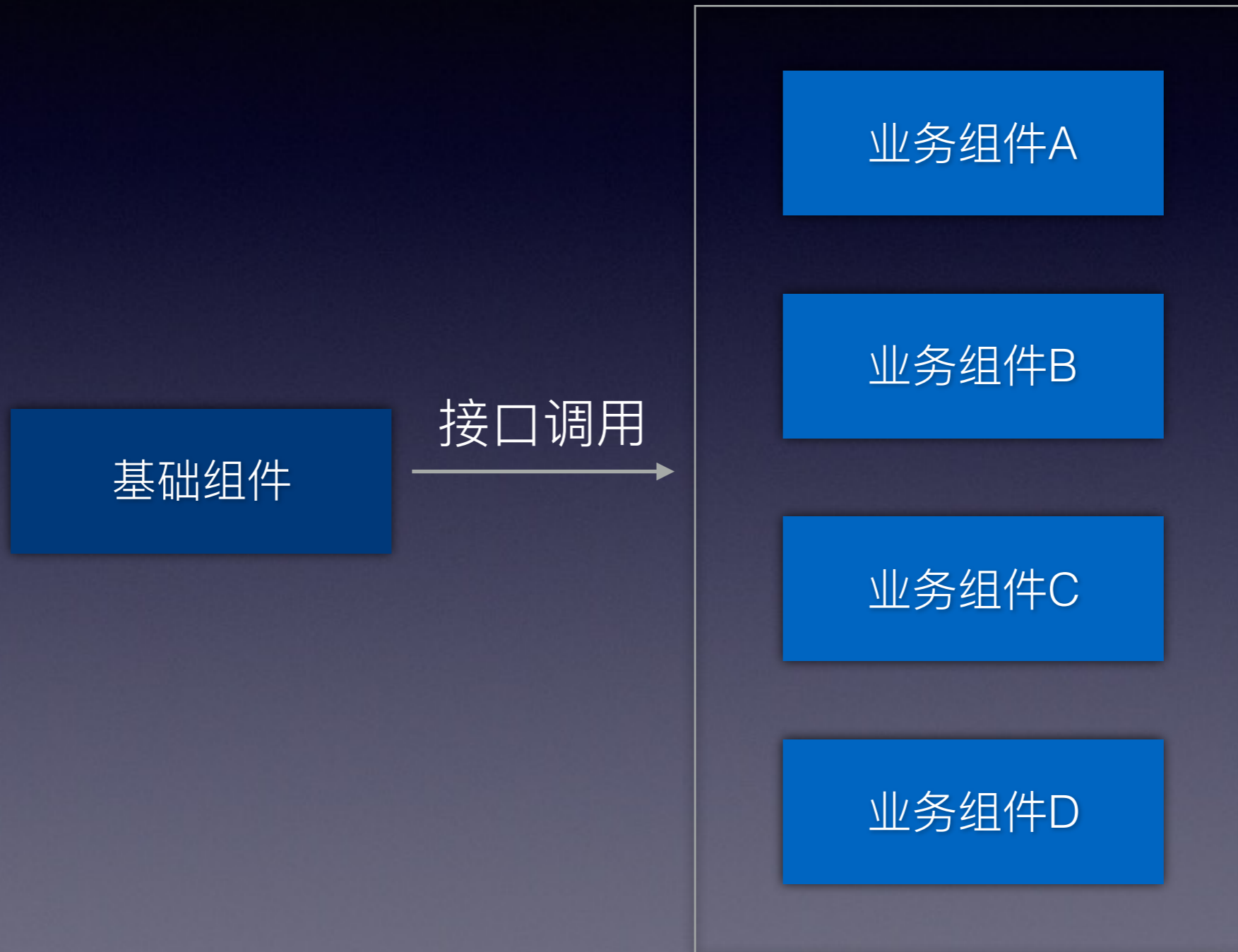
```
"source": {  
  "http": "http://ios-framework.service.mogujie.org/MGJCart/0.0.19.1/MGJCart.framework.zip"  
},  
"vendored_libraries": "libMGJCart.a"
```



# 静态库—Warning

- 源码调试
- 宏

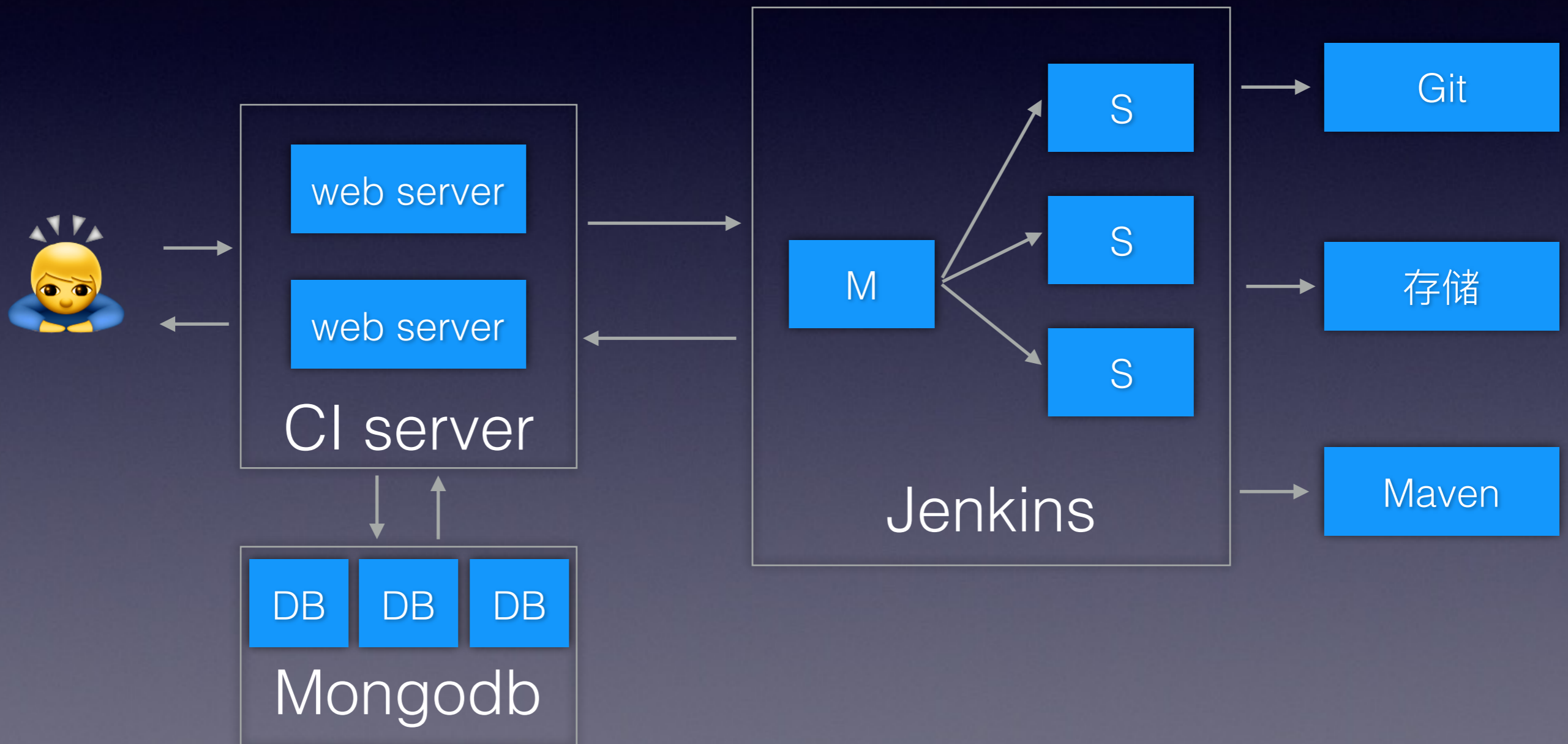
# 手工测试的局限



# 让升级做的更多



# 系统设计图





未来的规划

快

# Q&A

