



docker



DaoCloud



不止于技术

基于 Docker 生态圈 打造面向初创公司 的敏捷开发基础设施

By: Boris Ding

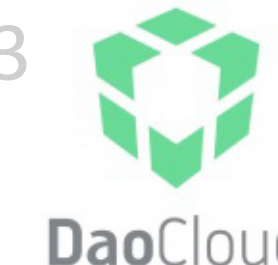
華興資本
CHINA RENAISSANCE

逐鹿 X



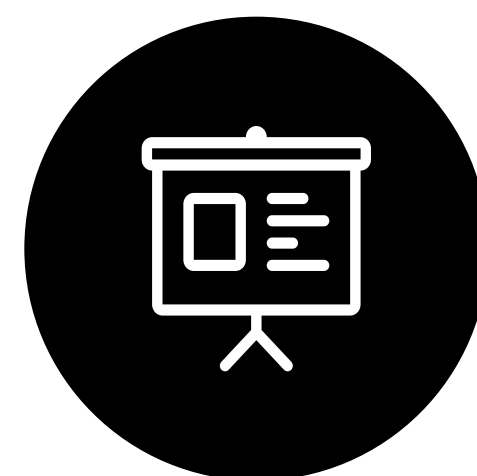
丁立/Boris/字博约

「Rubyist/ENFP/登山/90后连续创业者/
Uxer/白帽子/阳明信徒/斜杠青年」



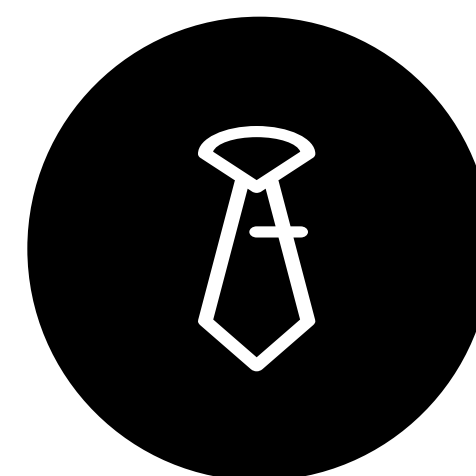
华兴资本逐鹿X

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8100

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9

Developer

32

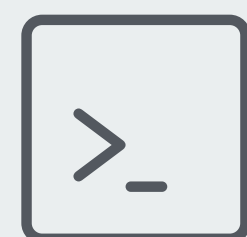
Docker Service

0

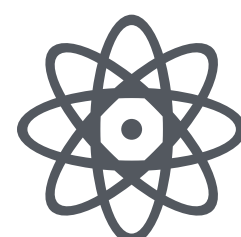
QA/SRE



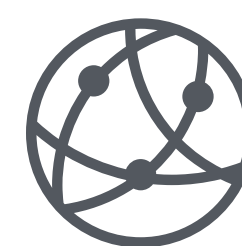
四大环节



研发



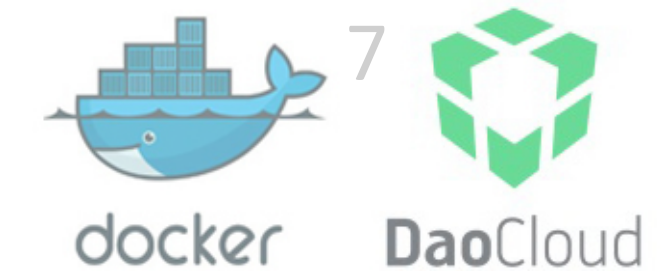
测试



发布



持续迭代



代码质量检查

WRITE SOMETHING HERE

1 ↓

Rubocop

2 ↓

ESLint

3 ↓

SCSS Lint

4 ↓

Brakeman

5 ↓

Bullet



Out of the box it will enforce many of the guidelines outlined in the community Ruby Style Guide.

① `npm install pre-git --save-dev`

② `bundle exec rubocop -c .rubocop.yml -a`

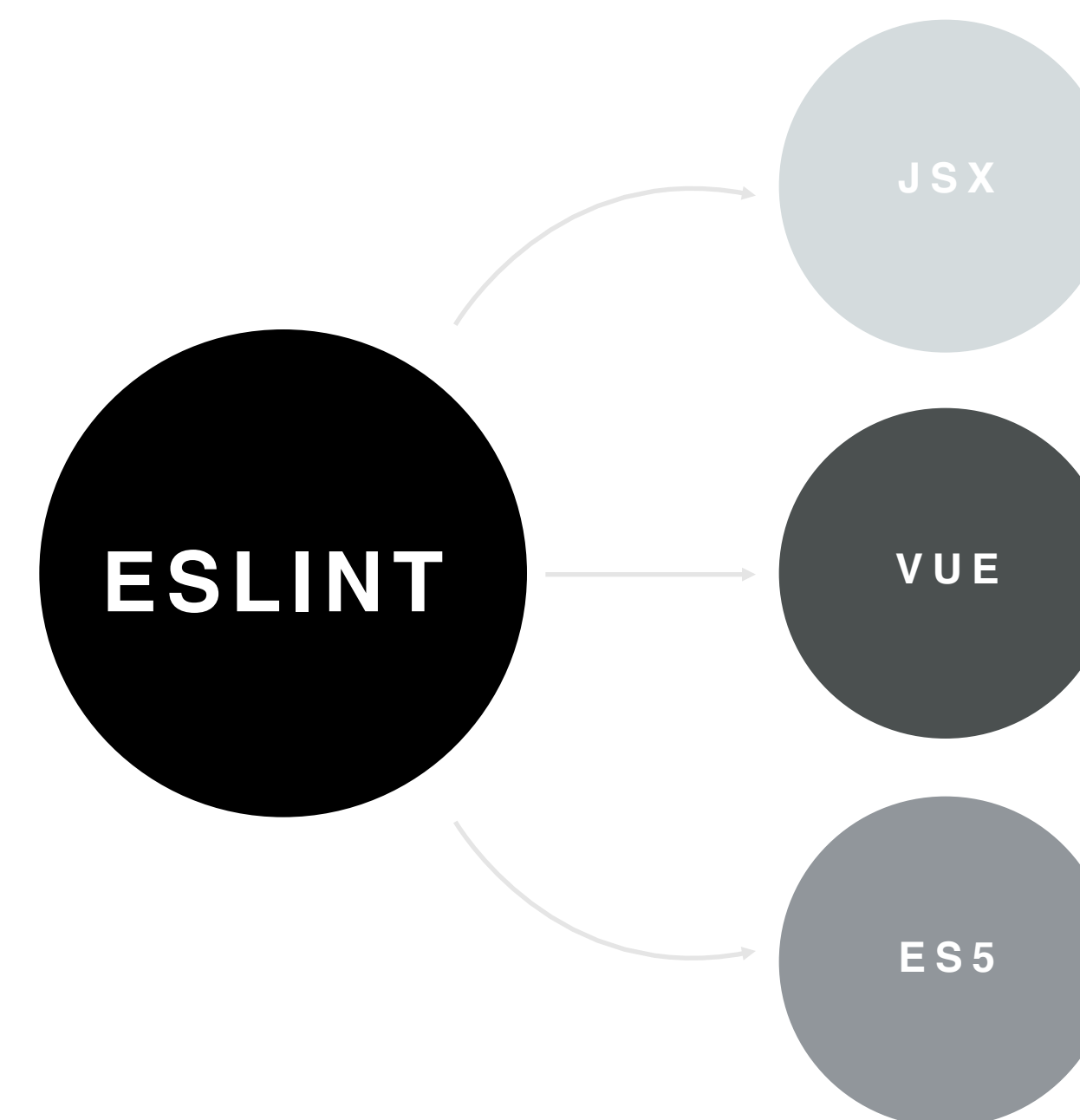


ESLint

The pluggable linting utility for JavaScript

在Rails中使用ES6的三种姿势：

- Sprockets::Commoner
- Sprockets ES6
- Webpacker





keep your SCSS files clean and readable

scss-lint is a tool to help keep your SCSS files clean and readable by running it against a collection of configurable linter rules. You can run it manually from the command line, or integrate it into your SCM hooks.

```
➤ bundle exec scss-lint -c .scss-lint.yml
```



Brakeman

checks Ruby on Rails applications for security vulnerabilities

- Cross Site scripting
- SQL Injection/ Commands Injection
- Unrestricted Mass assignments
- Unsafe file access
- CVE Vulnerabilities
- ...

➤ `bundle exec brakeman -5`



Bullet

kill N+1 queries and unused eager loading

```
//gem install bullet  
  
config.after_initialize do  
  Bullet.rails_logger = true  
  Bullet.add_footer = true  
end
```



产品组件化积累

色彩规范

色彩在界面设计中的使用应同时具备品牌识别性以及界面设计功能性。色彩是相当感性的东西，设计中对色彩的运用首先要考虑到品牌层面的表达。另外很关键的一点是色彩的运用应达到信息传递，动作指引，交互反馈，或是强化和凸现某一个元素的目的。任何颜色的选取和使用应该是有意义的。



设计元素本身由于交互行为会引发一系列细微的视觉变化，而元素本身的颜色变化有时也能很好的实现这一目的。在进行这类设计的同时，建议采取在颜色上添加黑色或者白色并按照 n+10% 的规律递增的方式来实现。
例如当鼠标 hover 某个特定元素，就视为浮起，对应颜色就相应增加白色叠加，相反点击的行为可以理解为按下去，在颜色上就相应的增加黑色的叠加。



设计原则



设计规范

正如格式塔学派中的连续律 (Law of Continuity) 所描述的，在知觉过程中人们往往倾向于使知觉对象的直线继续成为直线，使曲线继续成为曲线。在界面设计中，将元素进行对齐，既符合用户的认知特性，也能引导视觉流向，让用户更流畅地接收信息。



正确示例：
标题与正文做对齐，视觉起点一致。

错误示例：
缩进导致标题与正文使用了两个视觉起点。除非用于特意强调标题与正文的区别，否则不推荐这种对齐方式

归纳UI Guideline

- zeplin.io
- 参考市面上的开源方案
- 明确设计原则





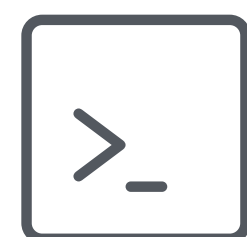
构建前端组件库

> `gem install hologram`

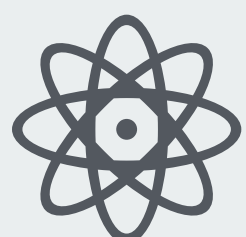
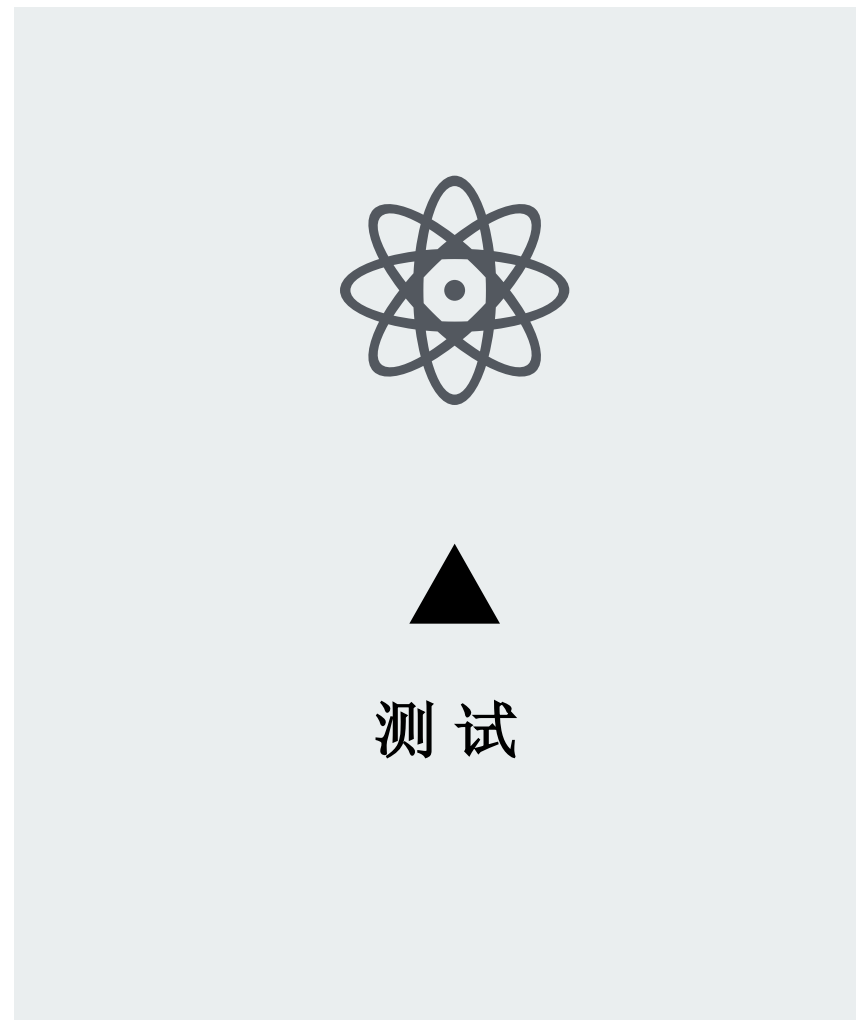
OR

> `npm install bisheng`

四大环节



研发



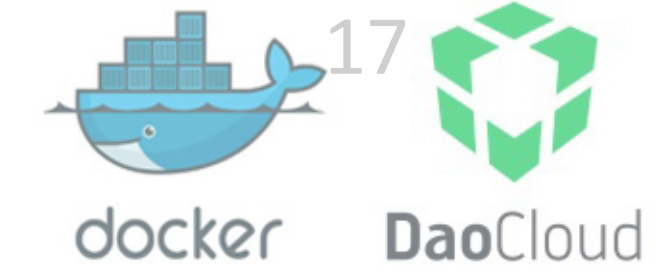
测试



发布



持续迭代



开发测试云

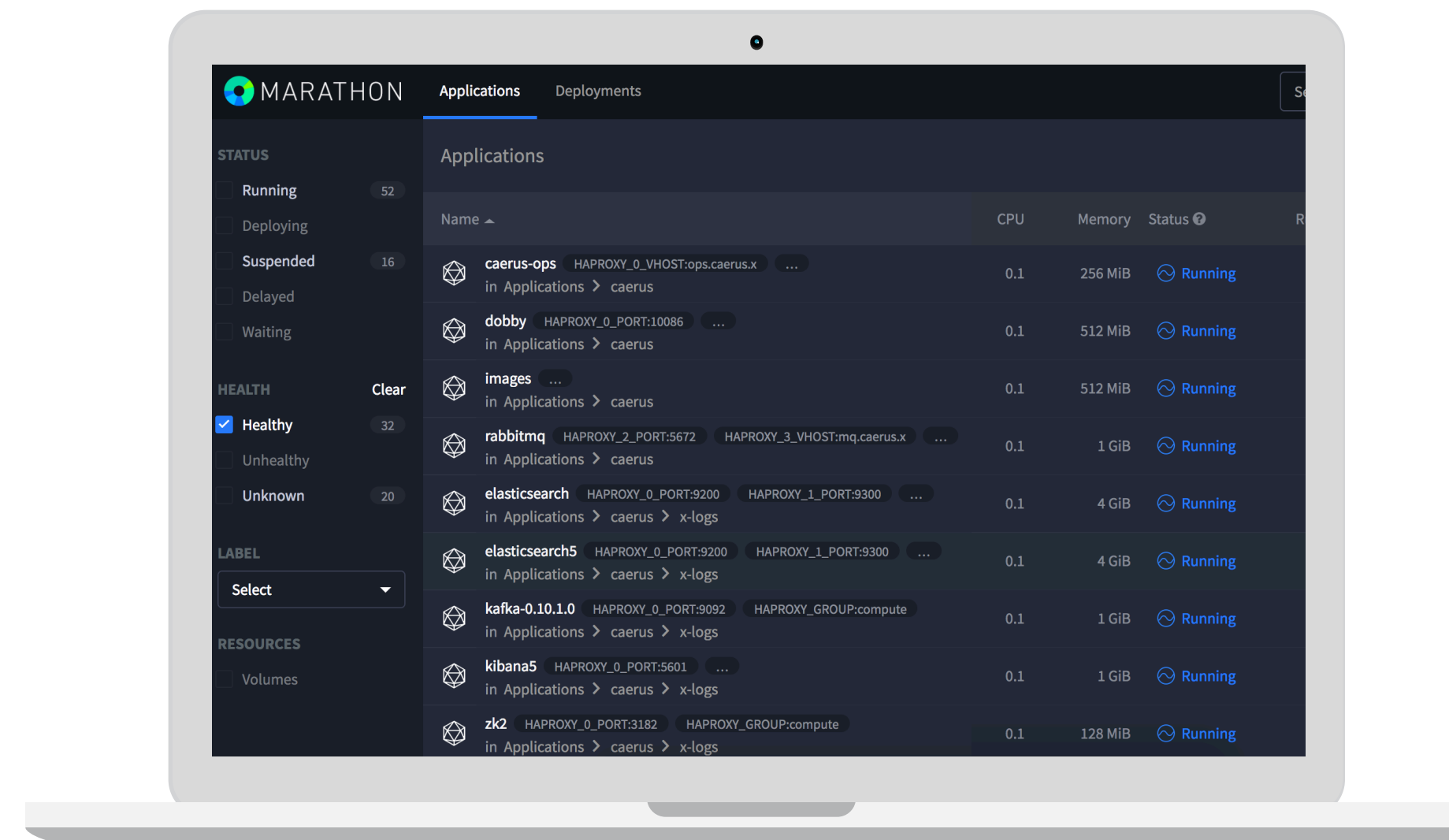
WRITE SOMETHING HERE

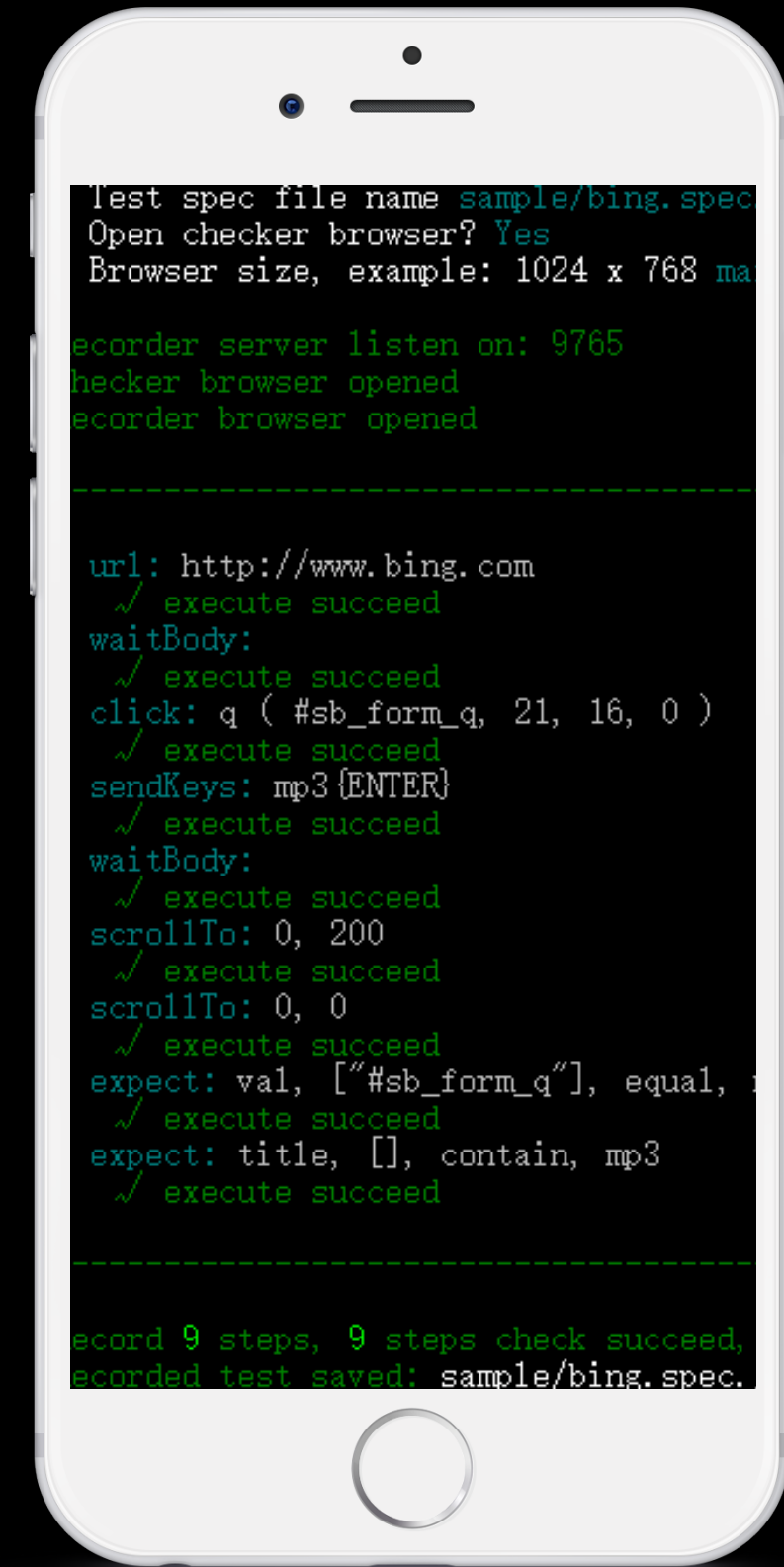
Marathon

Marathon is a production-proven Apache Mesos framework for container orchestration. DC/OS is the easiest way to start using Marathon.

Daocloud Service

为企业打造符合互联网最佳实践的自动化 DevOps 研发流程。让企业可以专注于业务创新，持续推进产品升级，最终实现企业商业价值的不断提升。 免费试用..





端到端 自动化测试

- AWS Device Farm
- Github: alibaba/uirecorder
- SWATHub

Chat Bus



JIRA 14:56

#AC-10 日历&会议功能 updated by @高立营

日历&会议功能

参考

<http://139.198.2.253:9876/calendars#>

Field<status> have been updated. FROM <In Progress> TO <Staging>

Progress> TO <staging>

Field<status> have been updated. FROM <In

Staging环境仿真



MailCatcher

牙

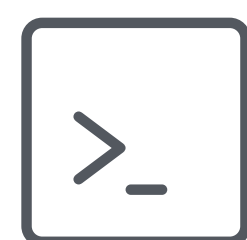
Kiba

a lightweight Ruby ETL framework

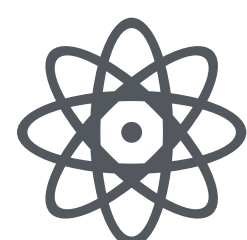
a lightweight Ruby ETL framework

Kips

四大环节



研发



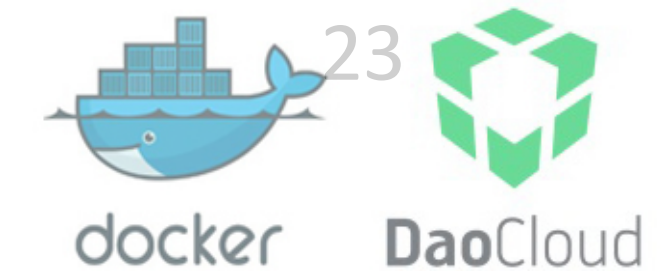
测试



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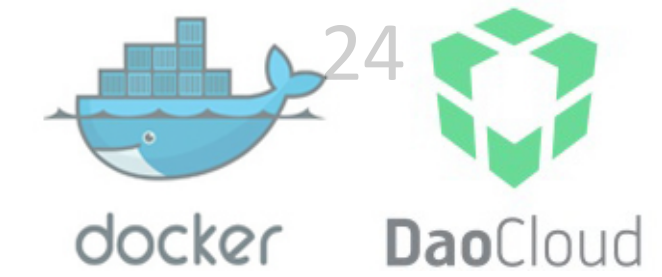
持续迭代



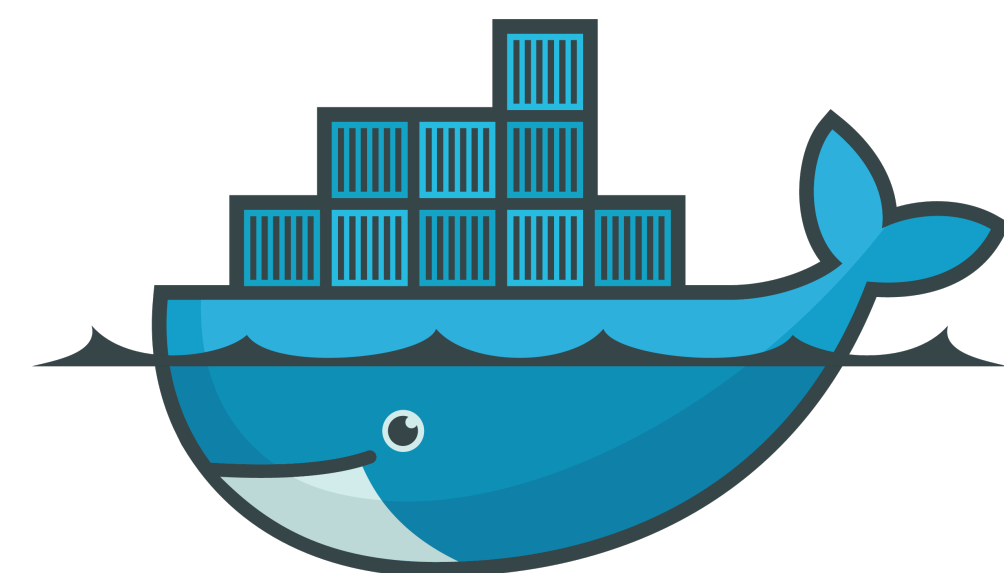
APM



Build and maintain cutting-edge apps with one comprehensive tool. For any language. In any environment.

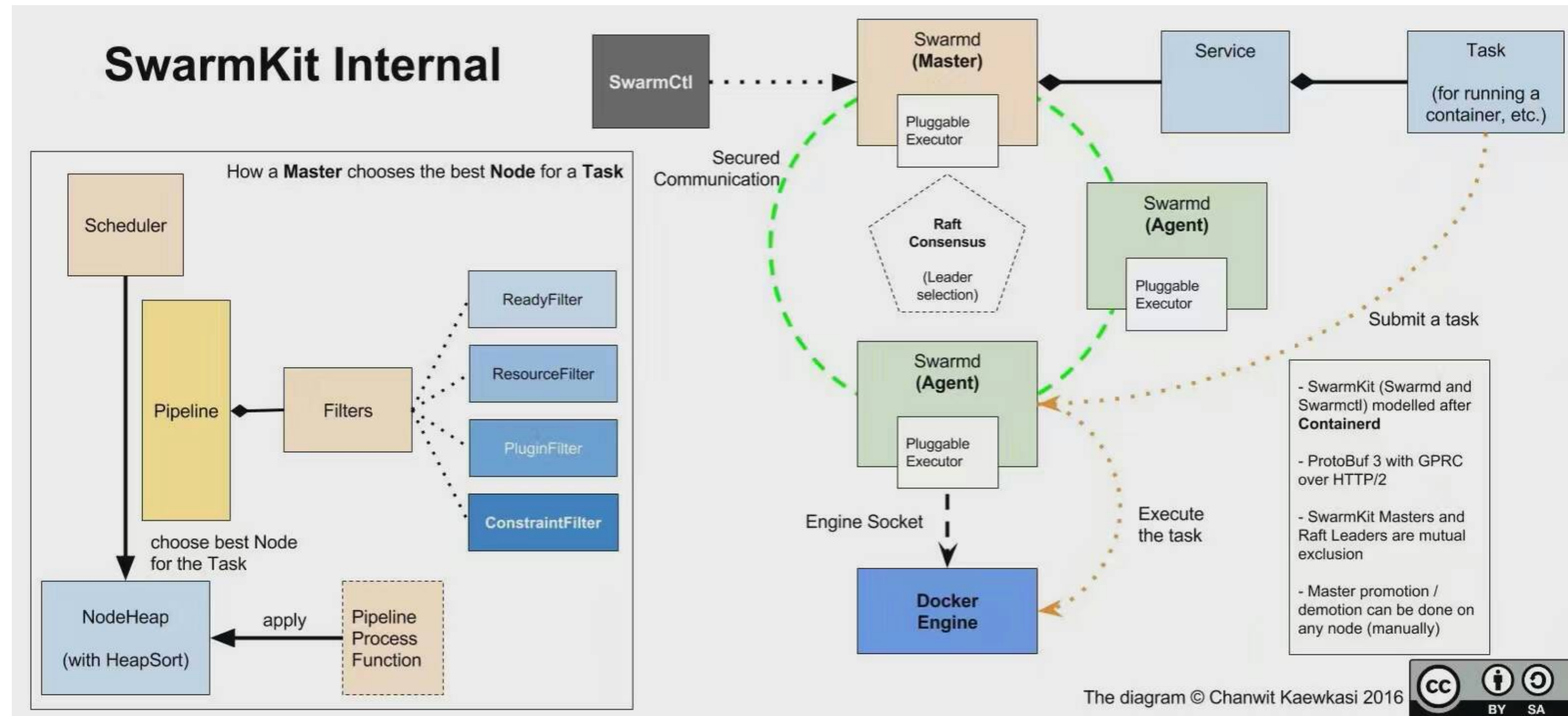


Docker in Production



docker

服务注册 & 服务发现



OR Github:ehazlett/interlock

ChatOps

逐鹿  caerus 16:48

WARNING: disk/caerus-paas-z-03-03 [period 10m, every 5m] has high storage usage: 94.32183826351425

```
disk WARNING: 192.168.3.3  
{"Name":"disk","TaskName":"st...
```

WARNING: disk/caerus-paas-z-03-03 [period 10m, every 5m] has high storage usage: 94.34423385481202

```
disk WARNING: 192.168.3.3  
{"Name":"disk","TaskName":"st...
```

DA Daniel Wei 16:54

@Dobby !ops 192.168.3.3

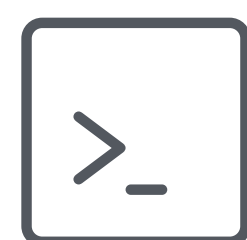
Dobby  机器人 16:54

已经启动清理 192.168.3.3 磁盘空间任务.

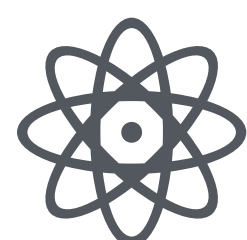
Dobby  机器人 16:54

@Dobby !ops 192.168.3.3

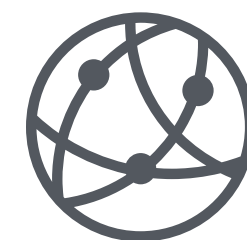
四大环节



研发



测试



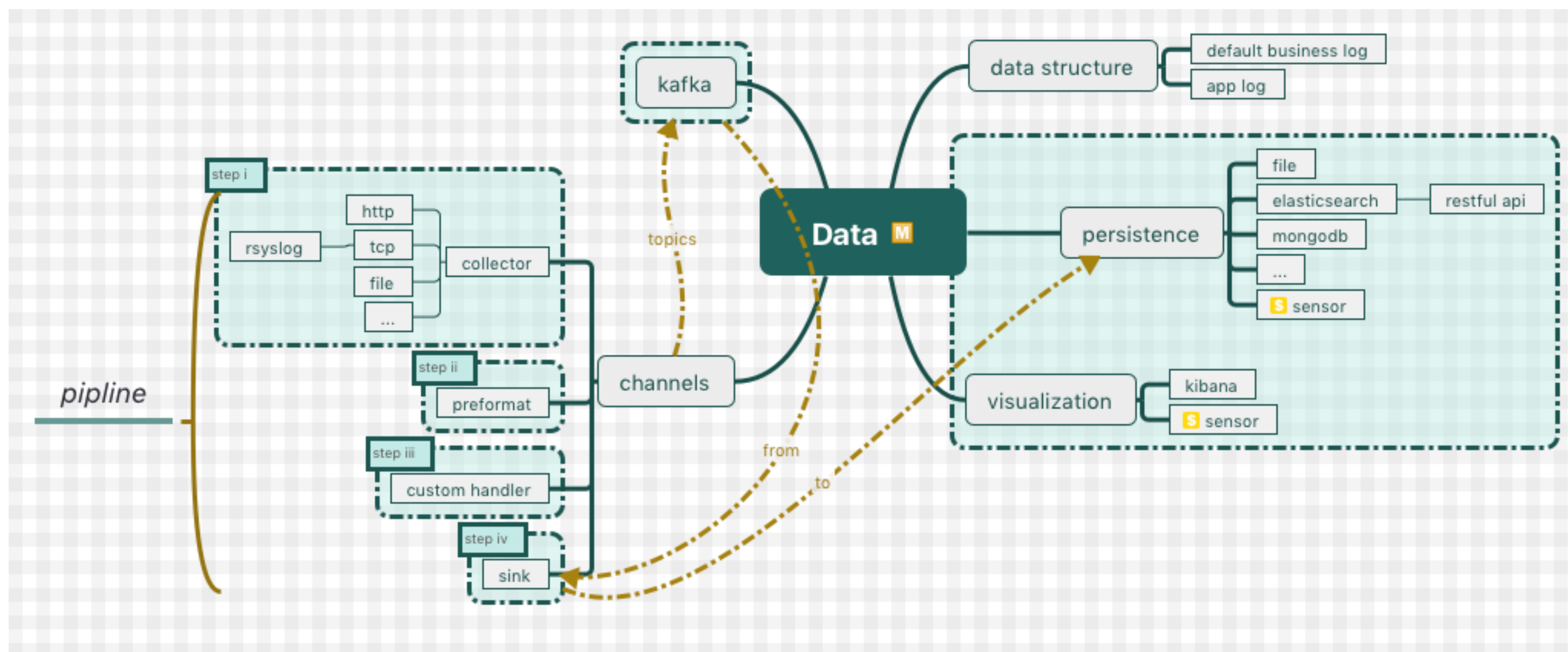
发布



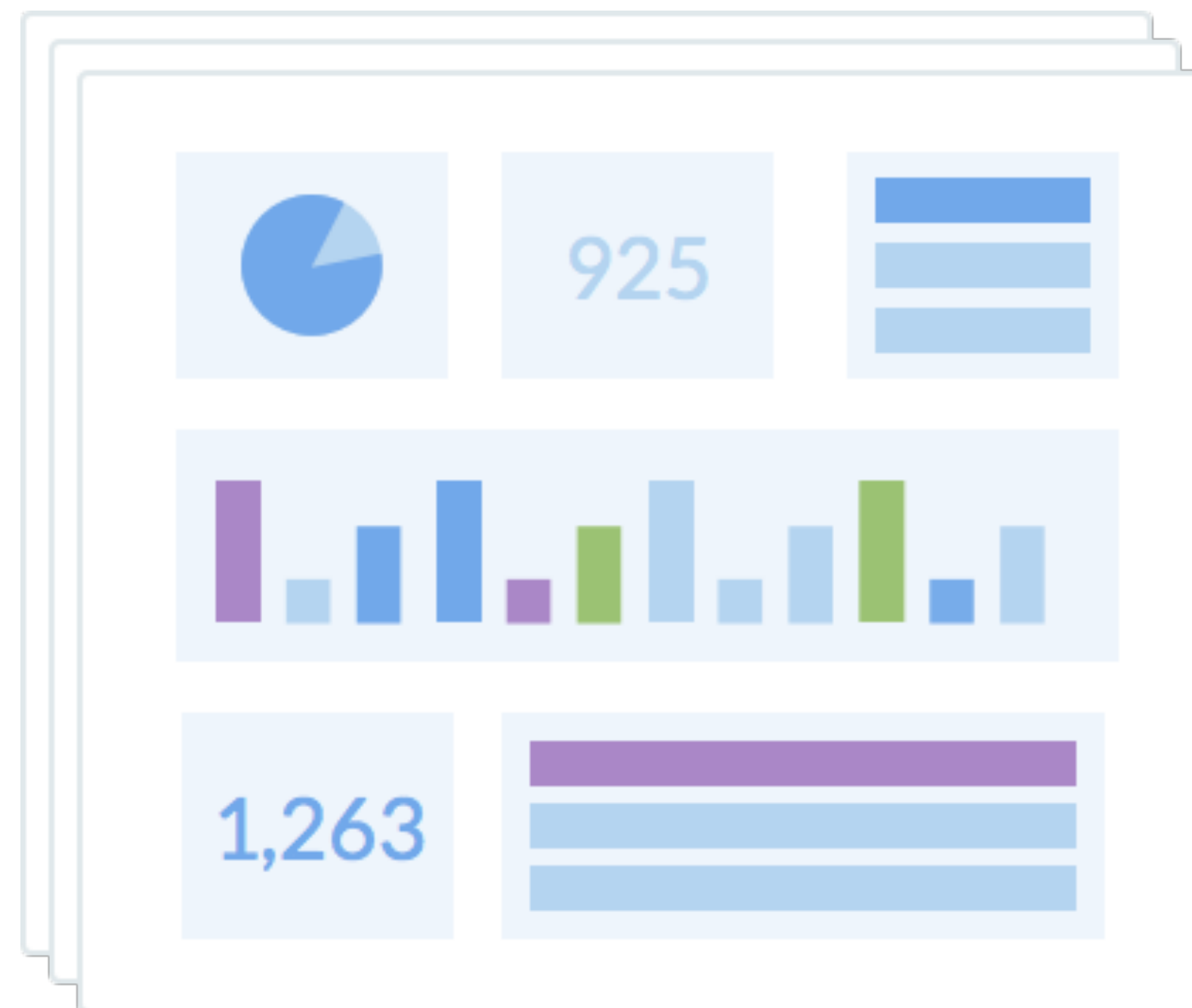
持续迭代



ELK



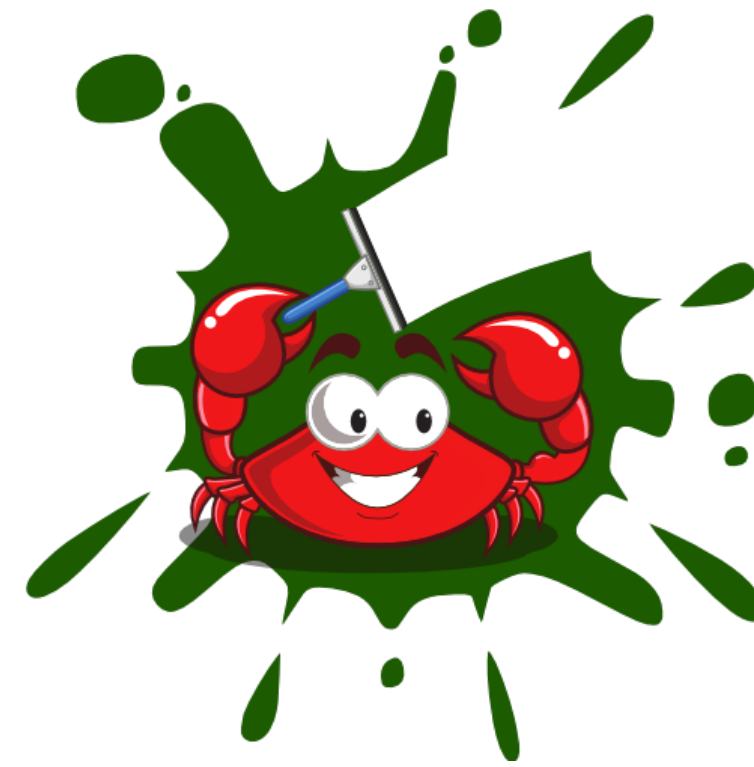
Metabase



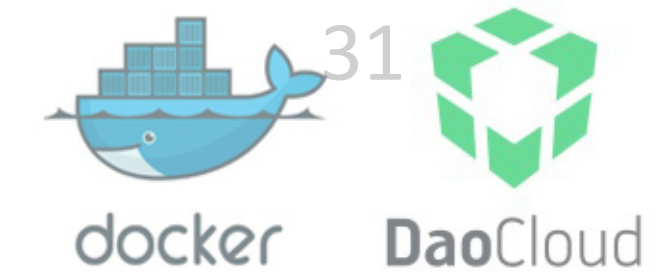
Metabase is the easy, open source way for everyone in your company to ask questions and learn from data.

Postgres/MySQL/Druid/SQL Server/Redshift/MongoDB/Google BigQuery/Google Analytics/SQLite/Oracle...

Netflix Scumblr



Scumblr is a web application that allows performing periodic syncs of data sources (such as Github repositories and URLs) and performing analysis (such as static analysis, dynamic checks, and metadata collection) on the identified results. Scumblr helps you streamline proactive security through an intelligent automation framework to help you identify, track, and resolve security issues faster.



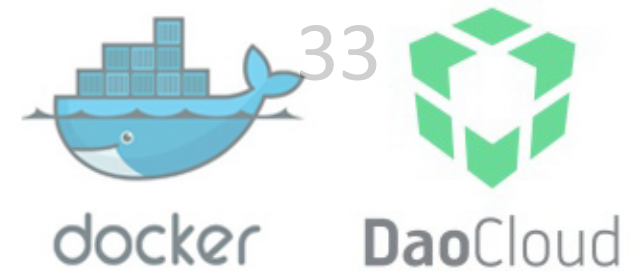
监控体系

- IaaS 基础设施监控
- PaaS 容器/进程监控
- HTTP监控
- SSL证书监控

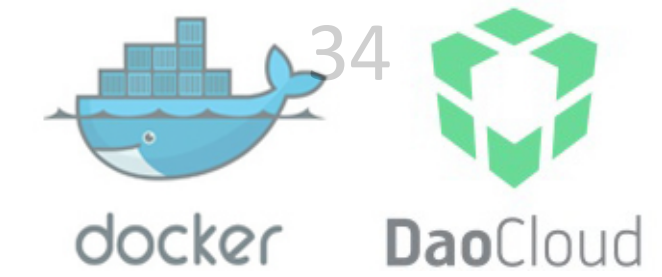
RCA

根本原因分析（RCA）是一项结构化的问题处理法，用以逐步找出问题的根本原因并加以解决，而不是仅仅关注问题的表征。根本原因分析是一个系统化的问题处理过程，包括确定和分析问题原因，找出问题解决办法，并制定问题预防措施。在组织管理领域内，根本原因分析能够帮助利益相关者发现组织问题的症结，并找出根本性的解决方案。

- **根本原因**：针对特定事件可确认且可经由管理处置而避免再次发生的原因。
- **合理确认**：在合理的时间限制内可以寻求的原因
- **可控制且可矫正**：不是含糊的理由（如：操作错误，须指出是那一个动作的错误）



QUESTIONS?



Thanks.