



AXBOOT

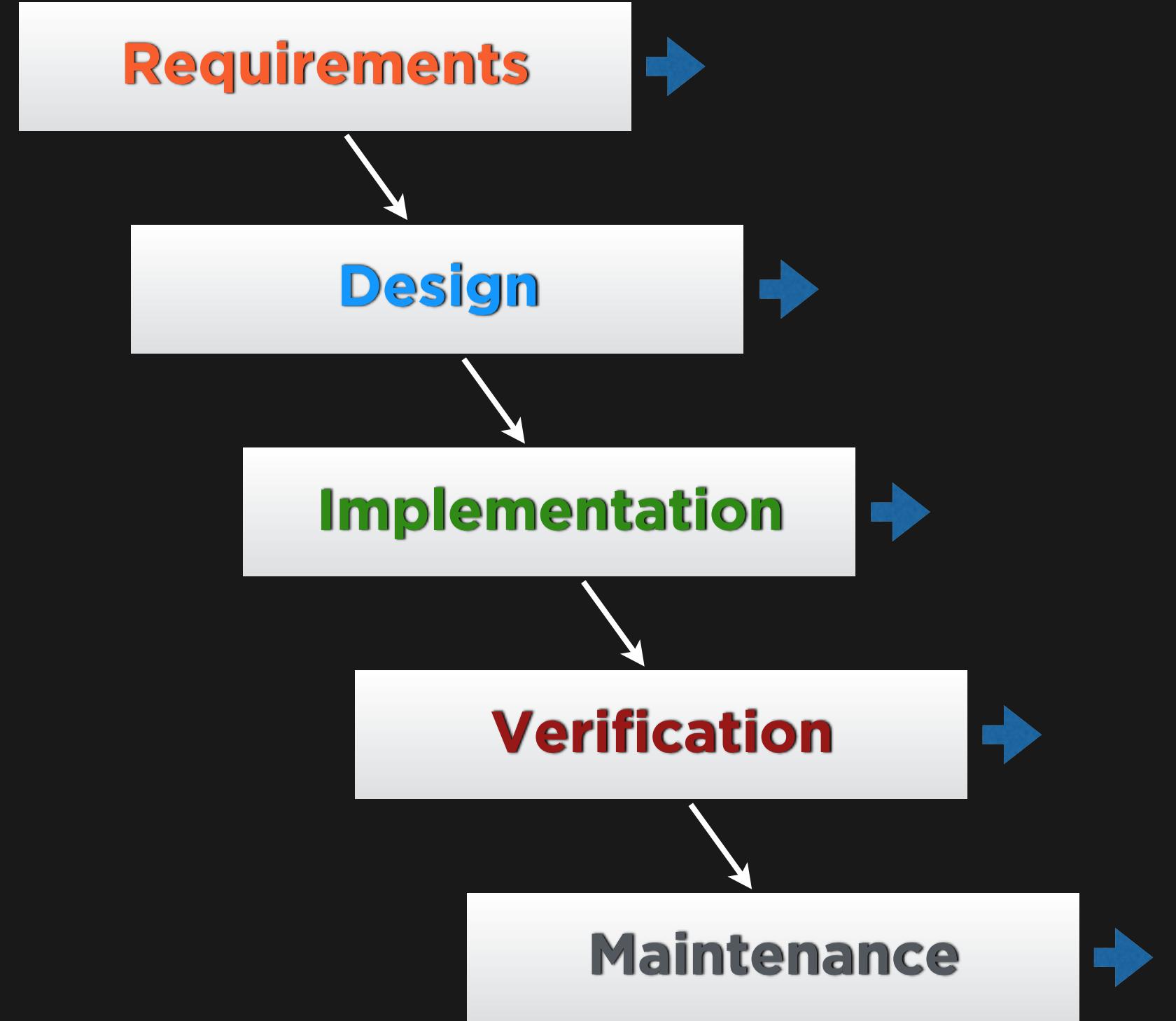
HTML5 & JAVA WEB APPLICATION
FULL STACK FRAMEWORK

2016 TEAM AXISJ. THOMAS JANG AND BRANT HWANG

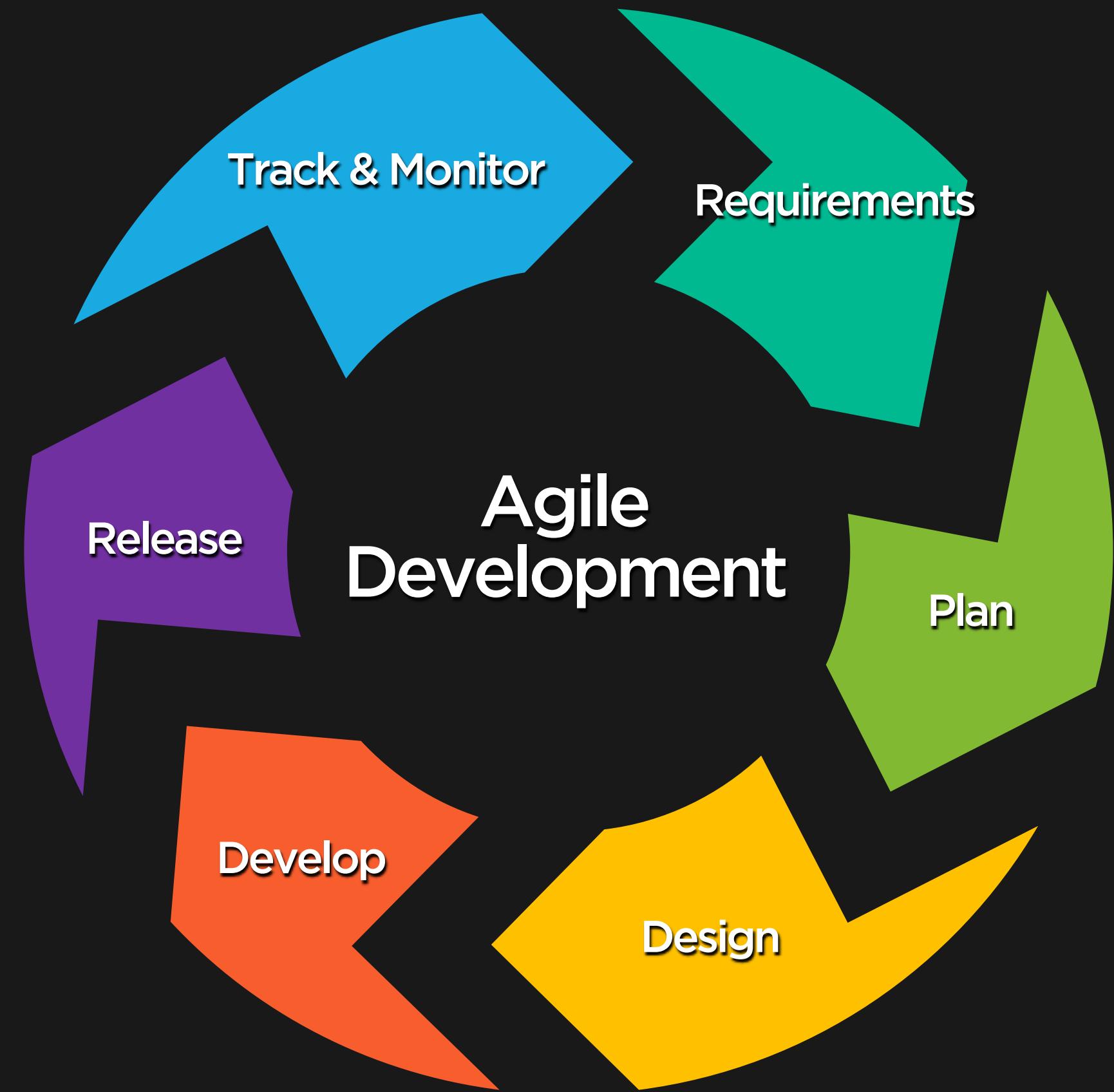
2016

WEB APPLICATION
DEVELOPMENT

Development Trend



Waterfall



Repeat & Repeat

Web Development Stack



Web Application Lifecycle

Development

Front-end



React

Back-end



Deployment



ANSIBLE



Operation



- Slow Business Logic
- Slow Query
- Error Detecting



AXBoot Framework

Development

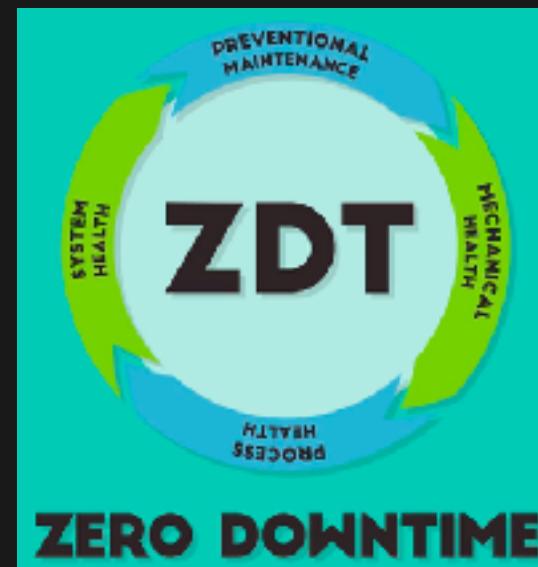
Front-end



Back-end



Deployment



Operation



- Slow Business Logic
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- Error Detecting



AXBoot Framework

Development

Front-end



Back-end



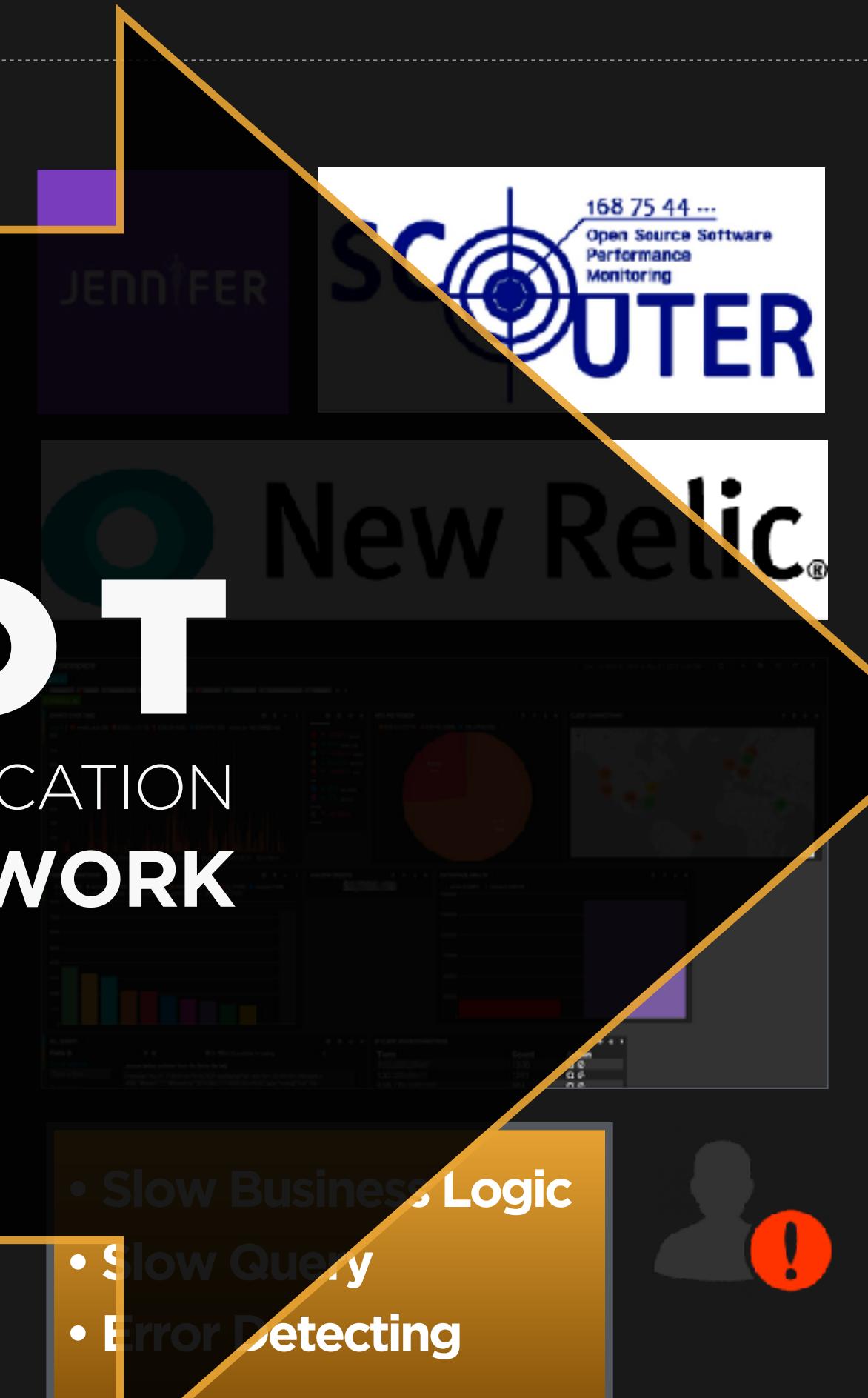
Deployment



AXBOOT
HTML5 & JAVA WEB APPLICATION
FULL STACK FRAMEWORK



Operation



Features

Full Stack Framework

AXBoot is the framework that provides A to Z Web Development solutions.

- **HTML5 Components**

17+ HTML5 components and layout system.

- **CRUD Scaffolding**

Fastest RESTful CRUD scaffolding using JPA & Spring Framework

Various Layout Beautiful Theme

- **Various Layout**

provides 10 most popular layouts used on Web UI. Grid, Selector, and form are built into the layout section, and when a user develops UI based on a given sample format, UI could be completed in as quickly as 10 minutes.

- **Theme**

Theme selection allows a user to change look and feel, as well as allowing the user to fine tune specifics of the UI.

Developer-friendly

- **Pure UI Component**

No need to add any other dependency to design the Web UI.

- **Open Architecture**

Adapt the platform to your needs with unrestricted access to low level code, wide use of the open inheritance pattern and the unique Extensions feature.

- **No Restricted Development**

Environment, User-Friendly IDE Application can be used

Features



Full Stack Framework

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Features

Productive

- **Easy to Start**

AXBoot Initializr provides a complete form of Application Source Set and a user can start the server by importing a downloaded IDE then using `spring-boot:run` command.

- **Fast CRUD Implementation**

A user can easily materialize CRUD Logic with CRUD scaffolding tool.

- **Quick to Master**

AXBoot provides high quality documentation along with Korean version documents for Korean developers.

Enterprise Ready

- **Scalable**

Easy to Expand in parallel and processing large scale traffic with fine-tuning database pooling, data caching option and resource optimization.

- **Smart Error Detecting**

An up-to-date slow business logic and slow query can be detected and aggregated in Error Log, while aggregated data can be send through email, texting, messenger, Webhook and, etc.

- **Reference**

Incheon Airport POS Concession System (Over 1 million times used per day, 25TPS), DAELIM Corporation Global Logistics Management System, and JTNET Van Administration System

Maintainable

- **Separation of concern**

There is clear separation between View and API. HTTP and JSON(RESTful API) are used for transmission, ensuring effective coding expansion and maintenance.

- **Layered Architecture**

By utilizing MVC's Layer Architecture, role and logic have been clearly defined from layer to layer. That allows a user to expand and fix an error through coding quickly.

- **Support Dev&Ops**

Zero Downtime Deployment has been made possible through Customized Jenkins and Ansible which is fully compatible with AXBoot. This allows the system to quicken the code lifecycle which makes high number of distribution possible.

Features



Productive

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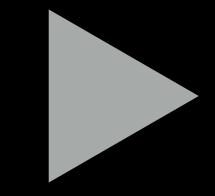
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Easy to Start , Easy to Development

AXBoot Initializr

-

AXBoot Admin Pack

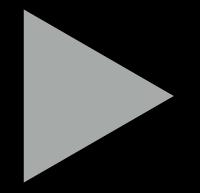


초기화/프로그램생성

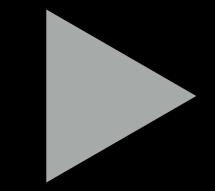
Beautiful UI , Beautiful Theme

AXBoot UI Framework





UI 소개무비클립



▶ 테마변경 데모

Everything is Automated in AXBoot

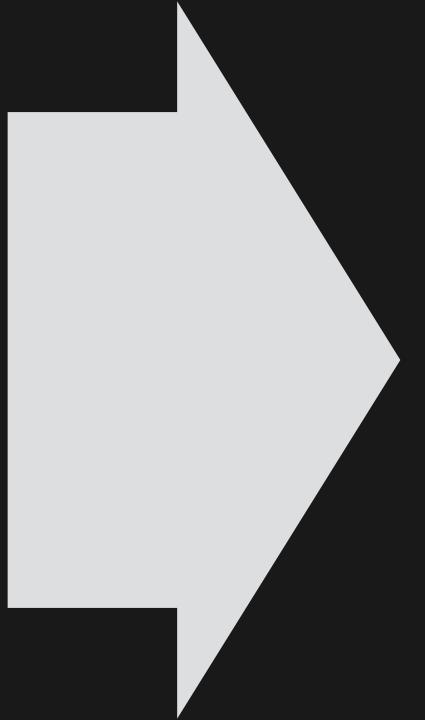
AXBoot Ansible

-

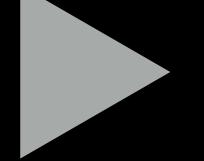
AXBoot CI

Remove Repeatable Noise

- **Cent OS 7.0**
- **EPEL**
- **Development Tools**
- **Python**
- **Java**
- **Tomcat**
- **Logrotate**
- **NGINX**
- **OpenSSL**
- **NGINX Virtual Host**
- **Tomcat Catalina Base**



Java / Maven / Ansible



자동설치/자동배포

Intelligence Operation Environment

AXBoot Slow Query Detector

-

AXBoot Logging System

error_logs | axboot Slack X AXBoot :: Advanced Web Appl X Thomas

localhost:8080/jsp/main.jsp ☆ 🔍 🌐 ⚙️ :

시스템 관리자님 로그인 | 로그아웃

AXBOOT 시스템관리 레이아웃 샘플 API

홈 DASH BOARD

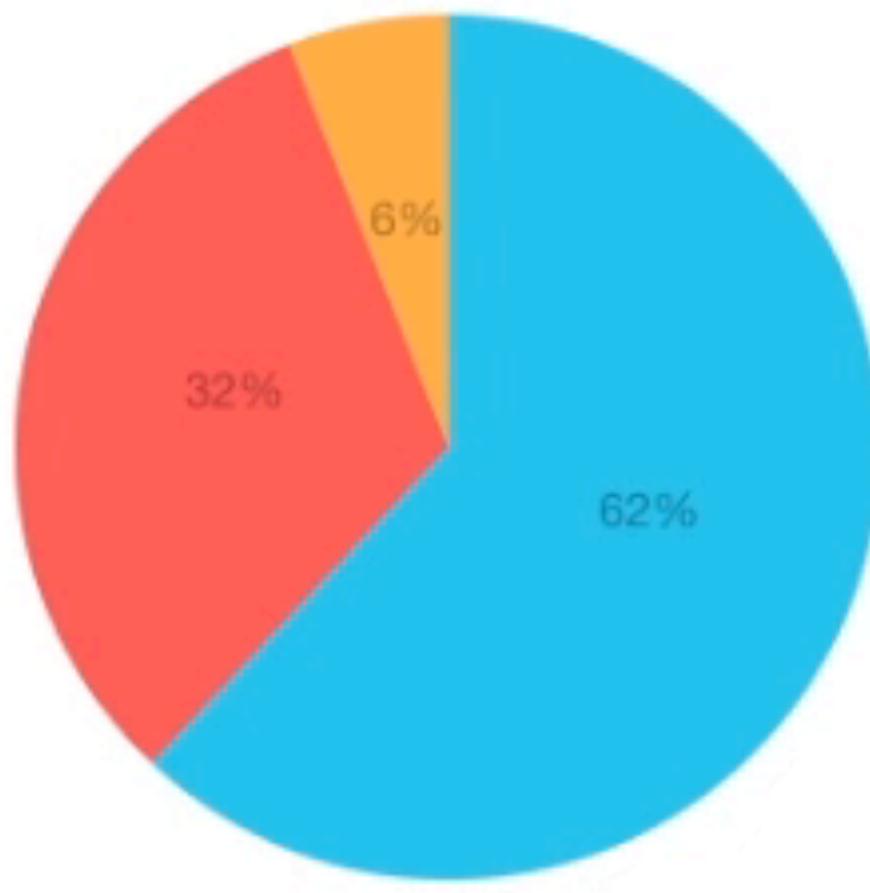
시스템관리

- 공통코드 관리
- 프로그램 관리
- 메뉴관리
- 사용자 관리
- 에러로그 조회
- 매뉴얼 관리

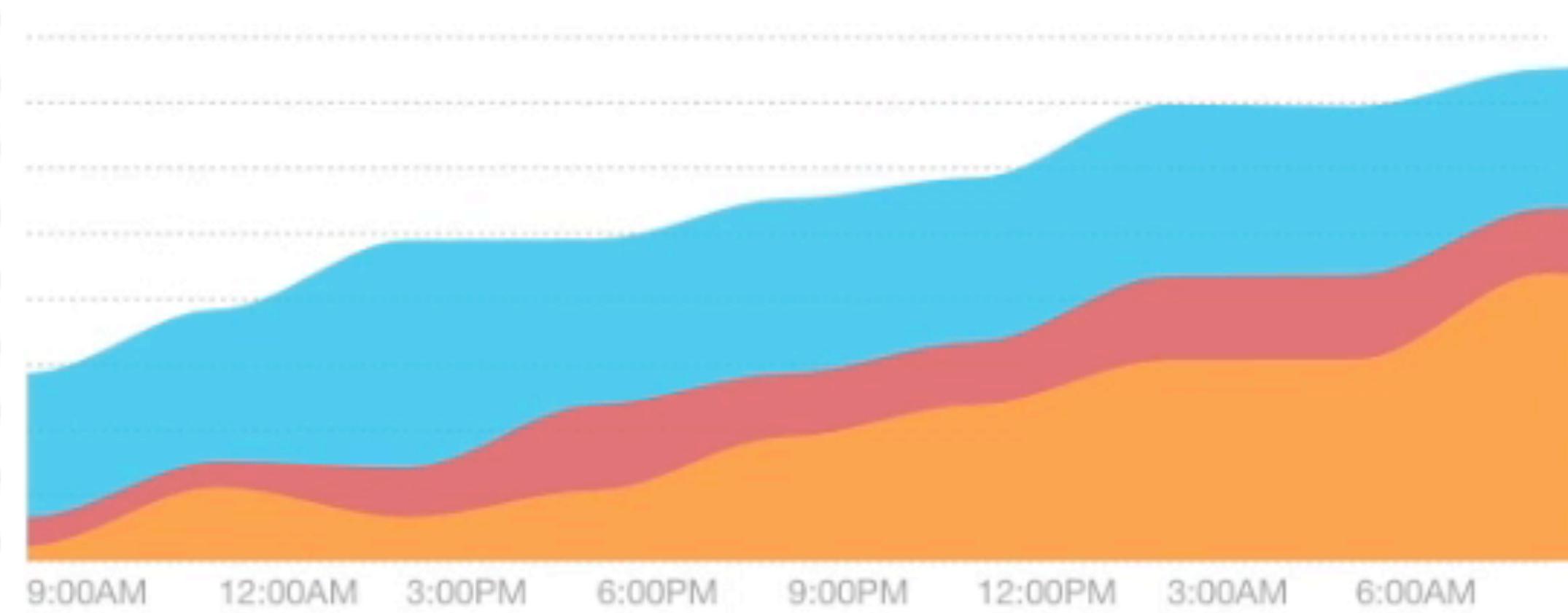
레이아웃 샘플

API

Email Statistics
Last Campaign Performance



Users Behavior
24 Hours performance



Open Bounce Unsubscribe

Campaign sent 2 days ago

Open Click Click Second Time

Updated 3 minutes ago

AXBOOT 2.0.0 - Web Application Framework © 2010-2016

Last account activity 52 mins ago

error_logs | axboot Slack X AXBoot :: Advanced Web Appl X Thomas

localhost:8080/jsp/main.jsp ☆ 🔍 🌐 ⚙️ :

시스템 관리자님 로그인 | 로그아웃

AXBOOT 시스템관리 레이아웃 샘플 API

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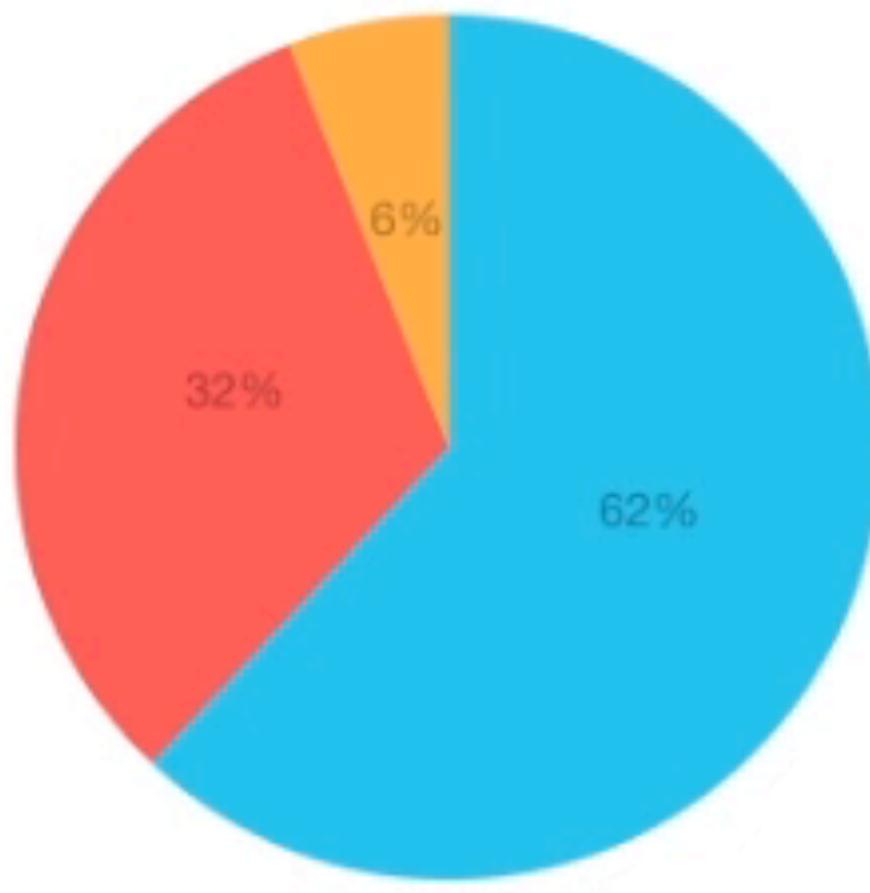
시스템관리

- 공통코드 관리
- 프로그램 관리
- 메뉴관리
- 사용자 관리
- 에러로그 조회
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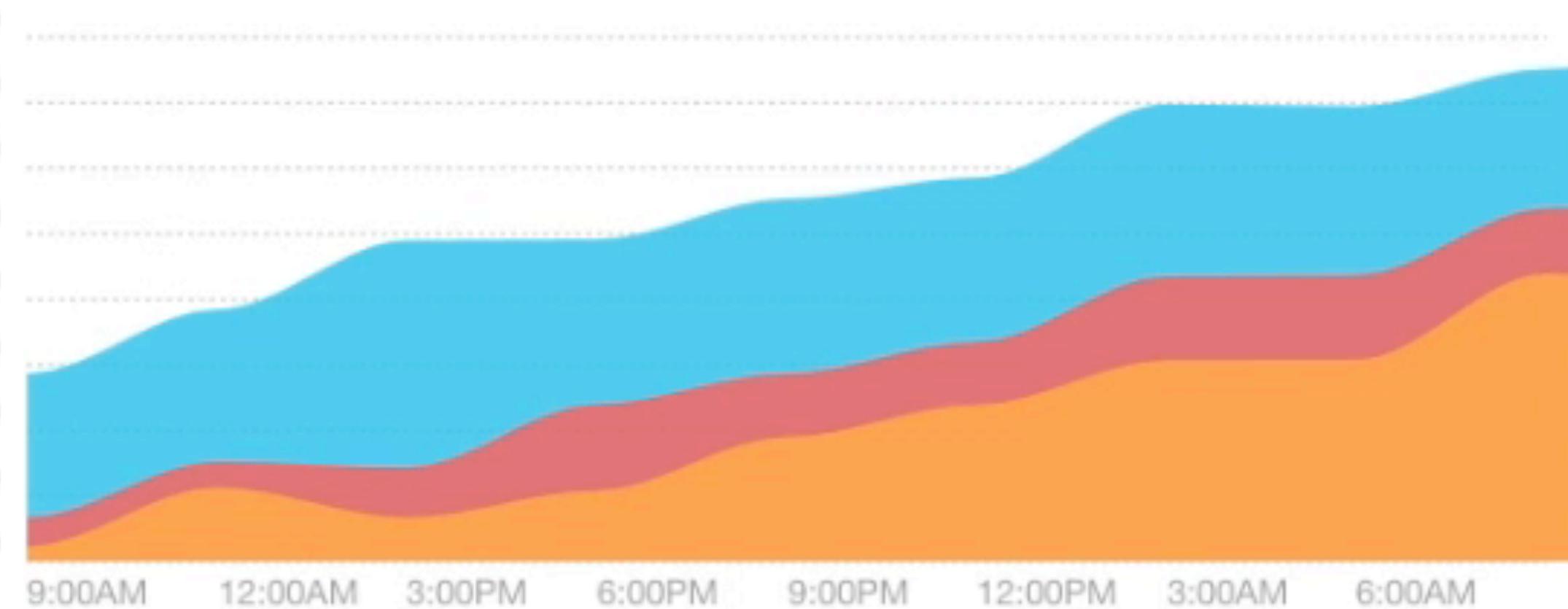
레이아웃 샘플

API

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Last Campaign Performance



Users Behavior
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AXBOOT 2.0.0 - Web Application Framework © 2010-2016

Last account activity 52 mins ago

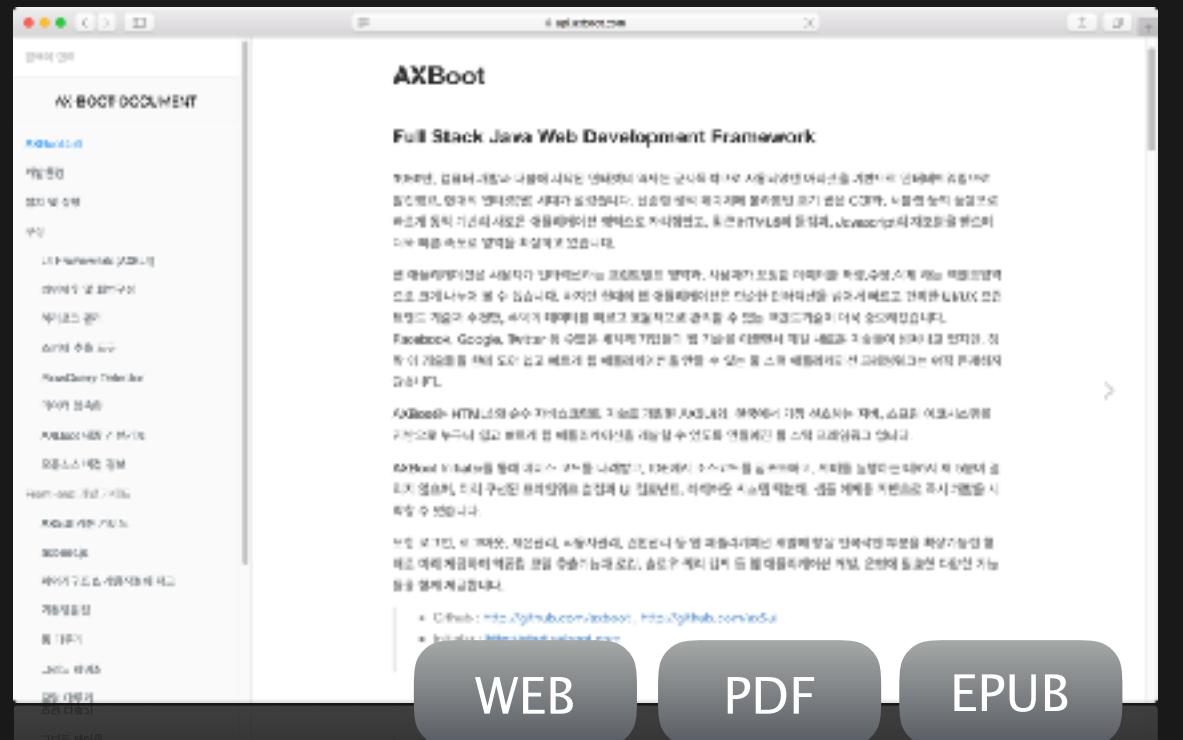
Documentation

AXBoot Official Site



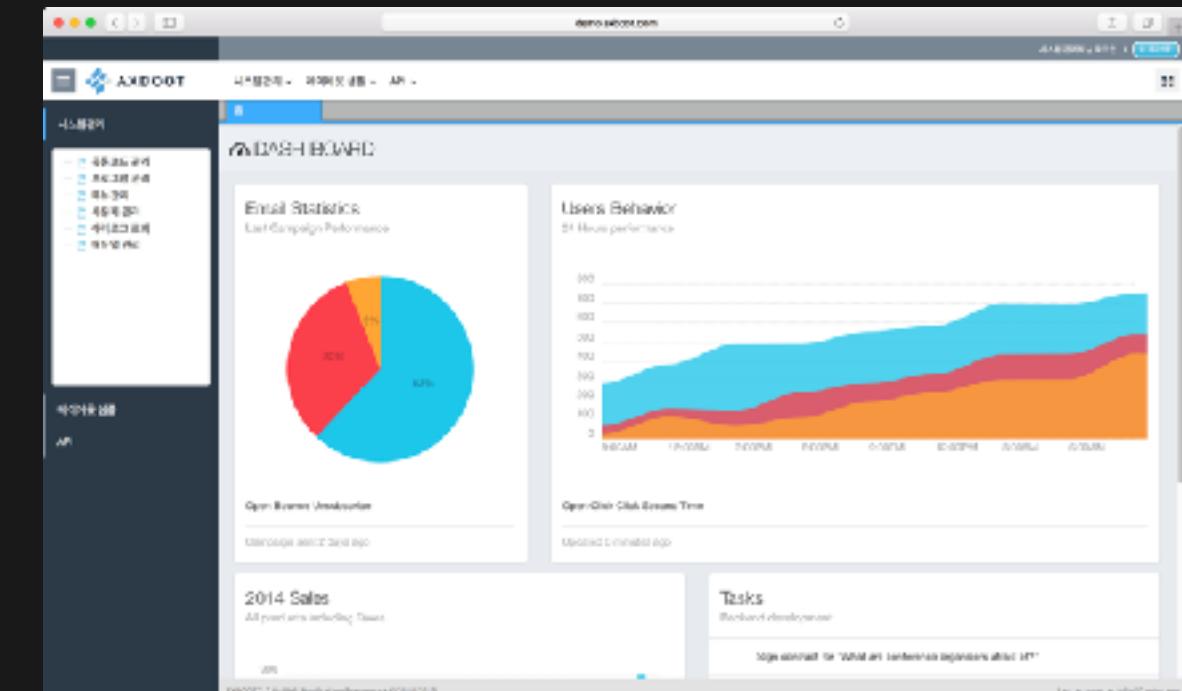
www.axboot.com

AXBoot A-Z Guide



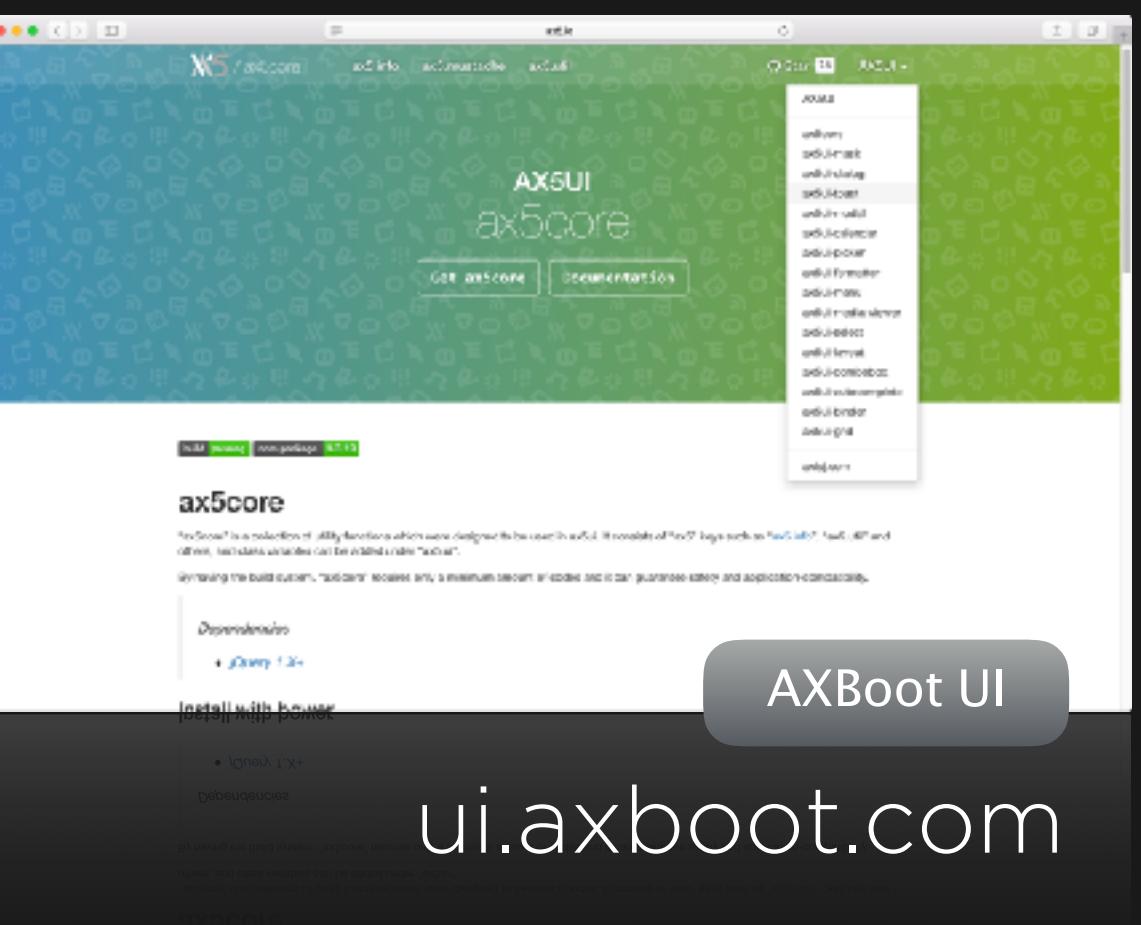
api.axboot.com

AXBoot Demo Site



demo.axboot.com

UI Framework Demo & Guide



AXBoot UI

ui.axboot.com

AXBoot Tech Blog



Developer Community

blog.axboot.com

Github Commit Histories

6,946

GitHub, Inc. Personal Open source Business Explore Pricing Blog Support Search GitHub Sign in Sign up

Thomas
thomasJang

已千精新
Block or report user

axisj
SEOUL
tom@axisj.com
http://www.axisj.com
Joined on 8 Nov 2013

Organizations

6,946 contributions in the last year

Contribution activity

November 2016

Created 281 commits in 24 repositories

ax5ui/ax5ui-kernel 33 commits

Overview Repositories 45 Stars 243 Followers 43 Following 47

Pinned repositories

- ax5ui/ax5ui-kernel Javascript UI Framework - AX5UI - Kernel Module ★ 73 18
- axboot/ax-boot-framework Spring boot & AX5UI based Full Stack Java Web Application Framework (Java Framework, UI Framework, JavaScript UI, SpringBoot Framework, Spring Boot Admin, AdminLTE, Web Framework, UI Library) ★ 26 7
- ax5ui/ax5docs ax5ui website - http://ax5.io/ ★ 16 9
- axisj/axisj javascript UI library ★ 305 92

Less More

Jump to ▾ 2016 2015 2014

3,590

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Brant
brant-hwang

CEO / Software Engineer at CHEQUER
Block or report user

CHEQUER
Seoul Korea
dlistj3039@gmail.com
http://brantify.axisj.com
Joined on 26 Aug 2012

Organizations

3,590 contributions in the last year

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spring-boot-social-example Spring Boot based Social + Security + Session Sign-up & Sign-in Example [spring social security, spring boot social security, spring boot social security session] ★ 48 29

spring-cloud-aws-example Spring Boot based Amazon S3 Example [Spring Boot, Spring Cloud AWS, S3] ★ 29 21

spring-logback-slack-notification-example SpringBoot Error Notification Example with Logback and Slack ★ 29 12

spring-boot-jdbc-proxy-example Spring Boot based Detecting SlowQuery & Query Statistics Example using DBCP2 Proxy ★ 10 5

springboot-postgresql94-hibernate5-example SpringBoot PostgreSQL JSON(JSONB) Hibernate (JPA) Example ★ 8 6

get-git-private-repo-latest-release-zip Downloading Github Private Repository Latest Release Archive ★ 3 1

Overview Repositories 37 Stars 117 Followers 21 Following 2

Popular repositories

- spring-boot-social-example Spring Boot based Social + Security + Session Sign-up & Sign-in Example [spring social security, spring boot social security, spring boot social security session] ★ 48 29
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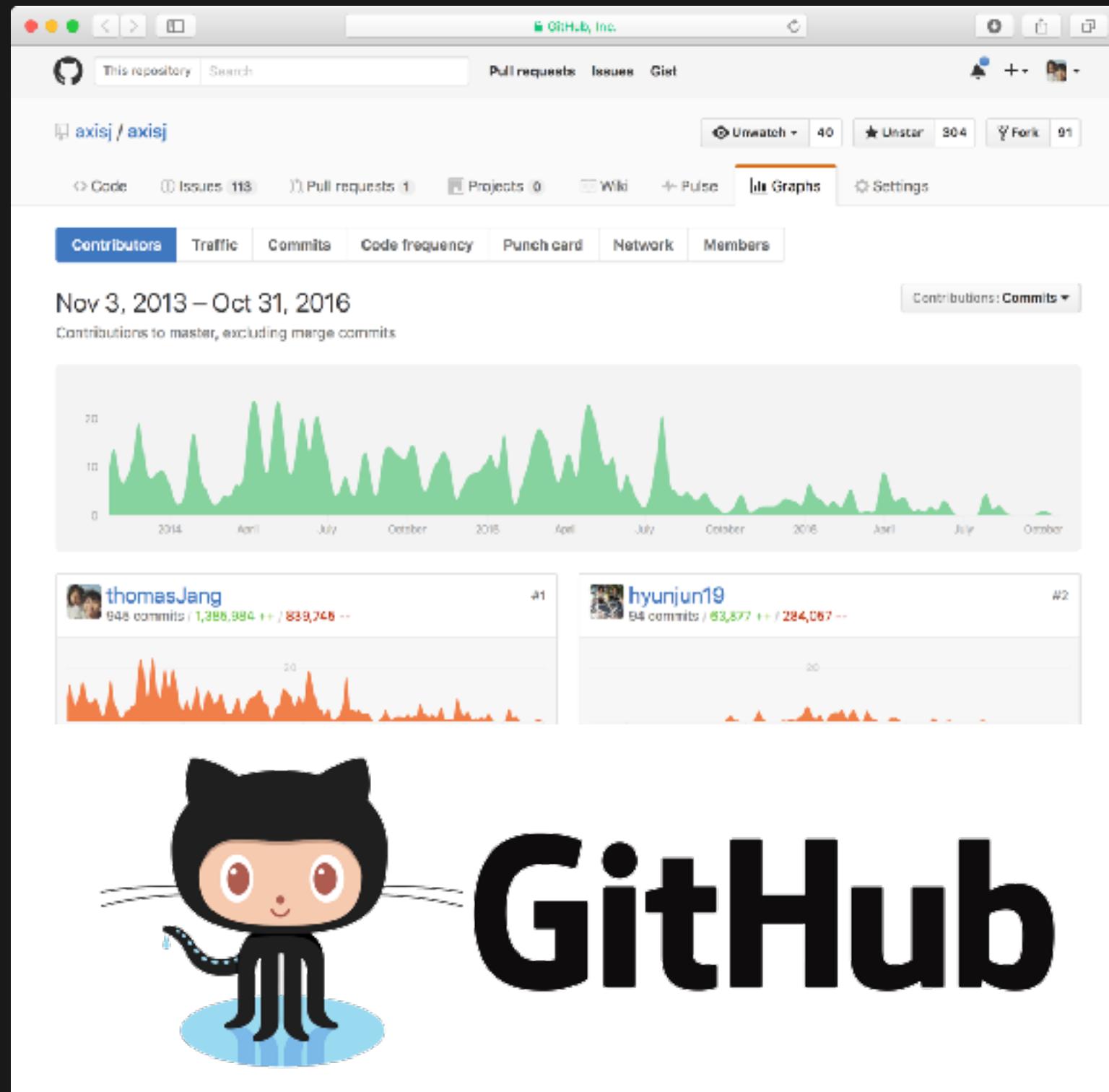
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Open Source Activities

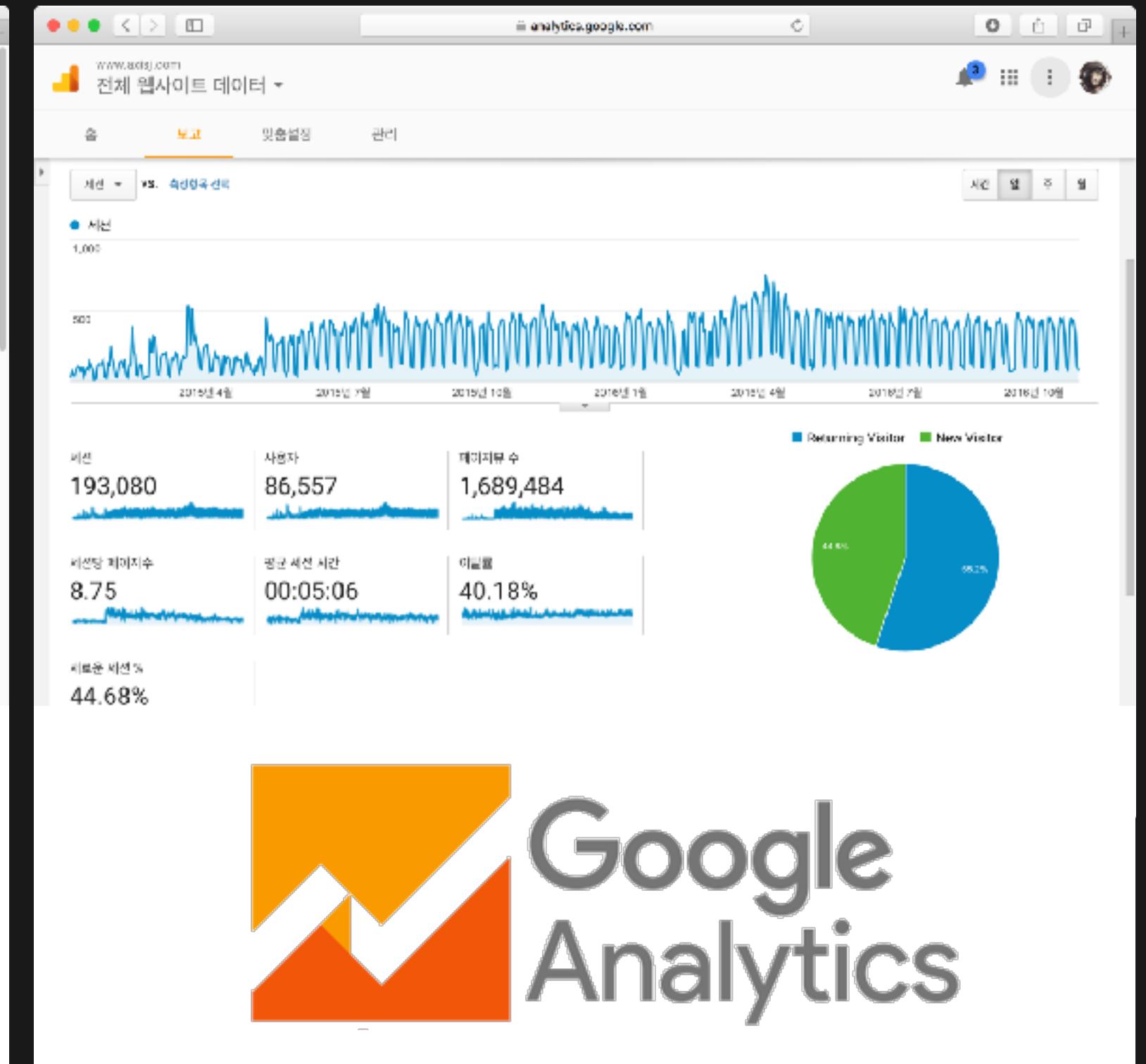
Since 2013



2,195+ Likes



1,300+ Commit



1,689,484+ View

AXBoot Developer Community

78,084 Views

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AXBoot Developer Community.

@Valid 애너테이션을 컬렉션 타입 @RequestBody에 사용하기

In development, Spring Tags @Valid, CollectionType, RequestBody, Valid Collection, Spring 2016년 9월 25일 676 Views 0 Comments

Spring Controller @RequestBody에 @Valid를 사용할 경우, 단일 Object 타입일 때는 Validator가 잘 동작하지만, Collection 타입으로 강제로 있을 경우에는 Validator가 동작을 하지 못했습니다. 원인을 찾기 위해 디버깅으로 클래스들을 추적해보니.. RequestResponseBodyMethodProcessor -> AbstractMessageConverterMethodArgumentResolver -> DataBinder (validate)로 이어지는 데, AbstractMessageConverterMethodArgumentResolver의 validateIfApplicable에서 @Valid 애너테이션이 있는지 확인은 한 후, 애너테이션이 있을 경우 DataBinder의 validate를 호출하여 유효성 검사를 하게 되더군요. [crayon-581960ba06f7d343702725/] DataBinder의 validate를 살펴보면, JSR303 구현체 (targetValidator)의 validate를 호출하도록 되어있고, 유효성 검사 결과를 기반으로 유효성 여부만 내역이 있음을 경우 어려 예외를 처리하는 validateConstraintViolations 메서드를 호출하게 됩니다. [crayon-581960ba06f8d522708879/] HibernateValidator를 사용할 경우, ...

[Continue Reading](#)

Spring MethodArgumentNotValidException (@Valid 예외처리)

In development, Spring Tags MethodArgumentNotValidException, spring validation, valid annotation 2016년 9월 3일 499 Views 0 Comments

@Valid 애너테이션으로 데이터를 검증하고, 해당 데이터에 예외가 있을 경우 예외 메시지를 JSON으로 처리하는 Exception Handler 처리 방법입니다. 1. 결증할 필드에 Annotation을 추가합니다. [crayon-581960ba07d8a649435289/] 2. 컨트롤러에 @Valid 애너테이션을 추가합니다. [crayon-581960ba07d95449215194/] 3. MethodArgumentNotValidException ExceptionHandler를 추가합니다. (SuperClass {}, ControllerAdvice에 추가합니다.) [crayon-581960ba07d9c040623563/] 4. Validation이 실패하면 JSON으로 다음과 같이 응답됩니다.

[Continue Reading](#)

RevelFramework - 4) GORM + MySQL 5.7 JSON Column Marshalling

In golang Tags GORM, MySQL, JSON, Revel, GORM, GORM MySQL, JSON 2016년 8월 25일 258 Views 2 Comments

MySQL 5.7 부터는 PostgreSQL처럼 컬럼타입으로 JSON을 사용할 수 있습니다. 규모가 크지 않은 초기 서비스 단계라면 굳이 RDBMS와 NoSQL을 나누지 않고도 JSON 컬럼을 쪽悄히 사용해서 아주 멋진 미리 저스트를 만들 수 있다고 생각되면서 JSON 컬럼을 많이 활용하는 편입니다. 해당 컬럼이 인덱스가 필요한가? 해당 컬럼이 쉽게 업데이트 가능하니, 조인이 필요한가? 해당 컬럼이 WHERE 절에 자주 등장하는가? 저는 위 3가지에 해당되지 않으면 데이터를 JSON 컬럼에 저장합니다. 타이타닉호의 이미보다 미타정보(참고물 정보)로써 화면에서 쓰이는 정보량 역할이 더 크다고 생각하기 때문에, 강력한 주제 확장성을 고려해 JSON으로 ...

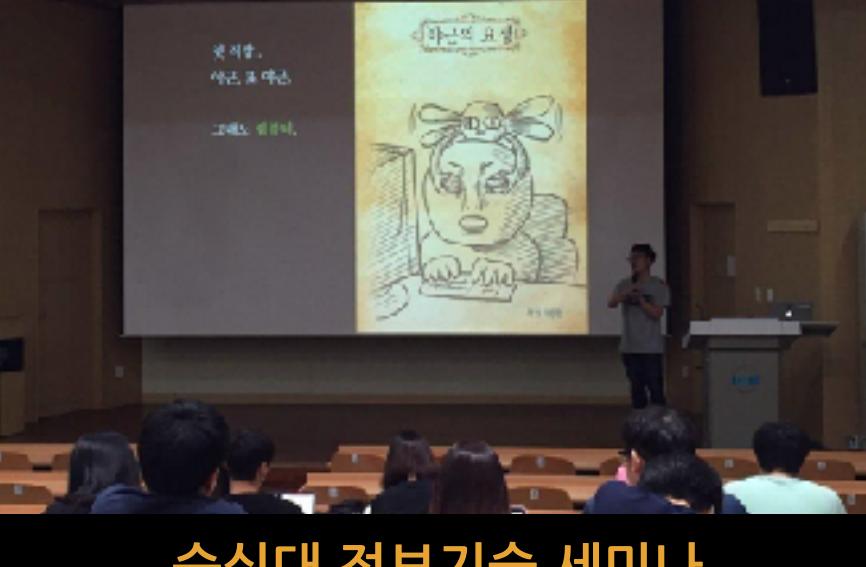
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Open Source Activities



2013 Daum Devon



승실대 정보기술 세미나



2016 KOSS Hackathon Winner



기술서적 번역



오프라인 교육모임



2014 슈퍼개발자K 우승



액시스제이 사용자교육



오픈소스 개발자 생존기



오프라인 교육 모임



오프라인 교육모임

Thank You

감사합니다