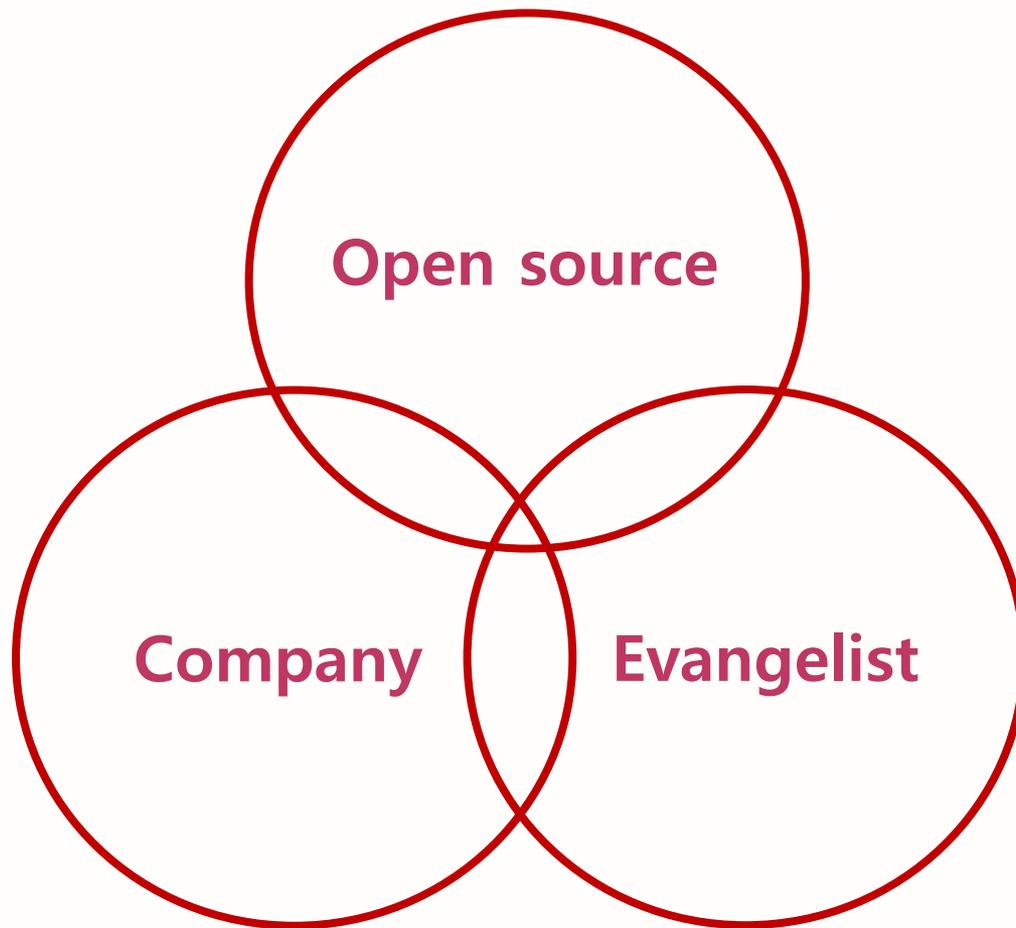


오픈소스로 여는 뉴노멀

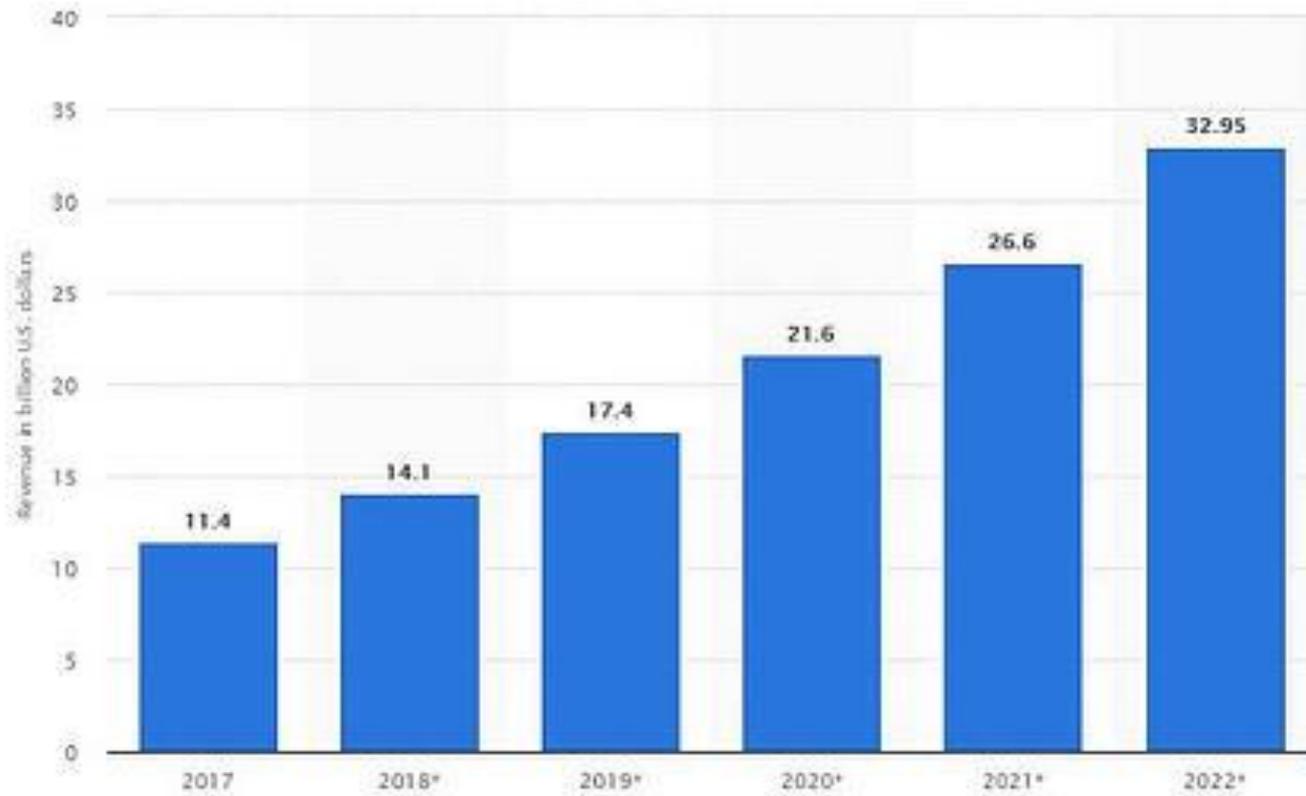
2020 공개SW 페스티벌

Naver, Open-source project Pinpoint, Evangelist

Naver
김성욱



Projected revenue of open source services from 2017 to 2022 (in billion U.S. dollars)



© Statista 2020

출처 : <https://www.statista.com/statistics/270805/projected-revenue-of-open-source-software-since-2008/>

▶ Why use open source?

Control

People prefer to have full control over the software

Training

To become better programmer

Security

Since everyone can view and modify the project.
Someone will find any leaks and enhance security

Stability

To use the software continuously

▶ Why use open source?

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??FREE??

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Stability

To use the software continuously

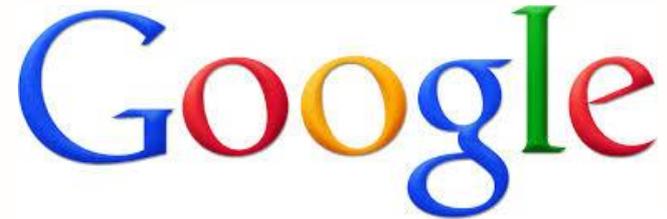
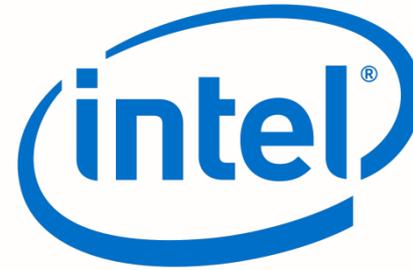
- ▶ Why contribute/provide open source?

Individual

- To get employed
- To earn money in the future
- Just for fun

Company

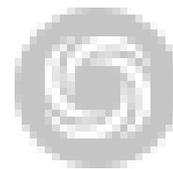
- Make profit by providing services/subscriptions
- To fasten up the project with limited resources
- To recruit better programmers



PINPOINT

billboard.js

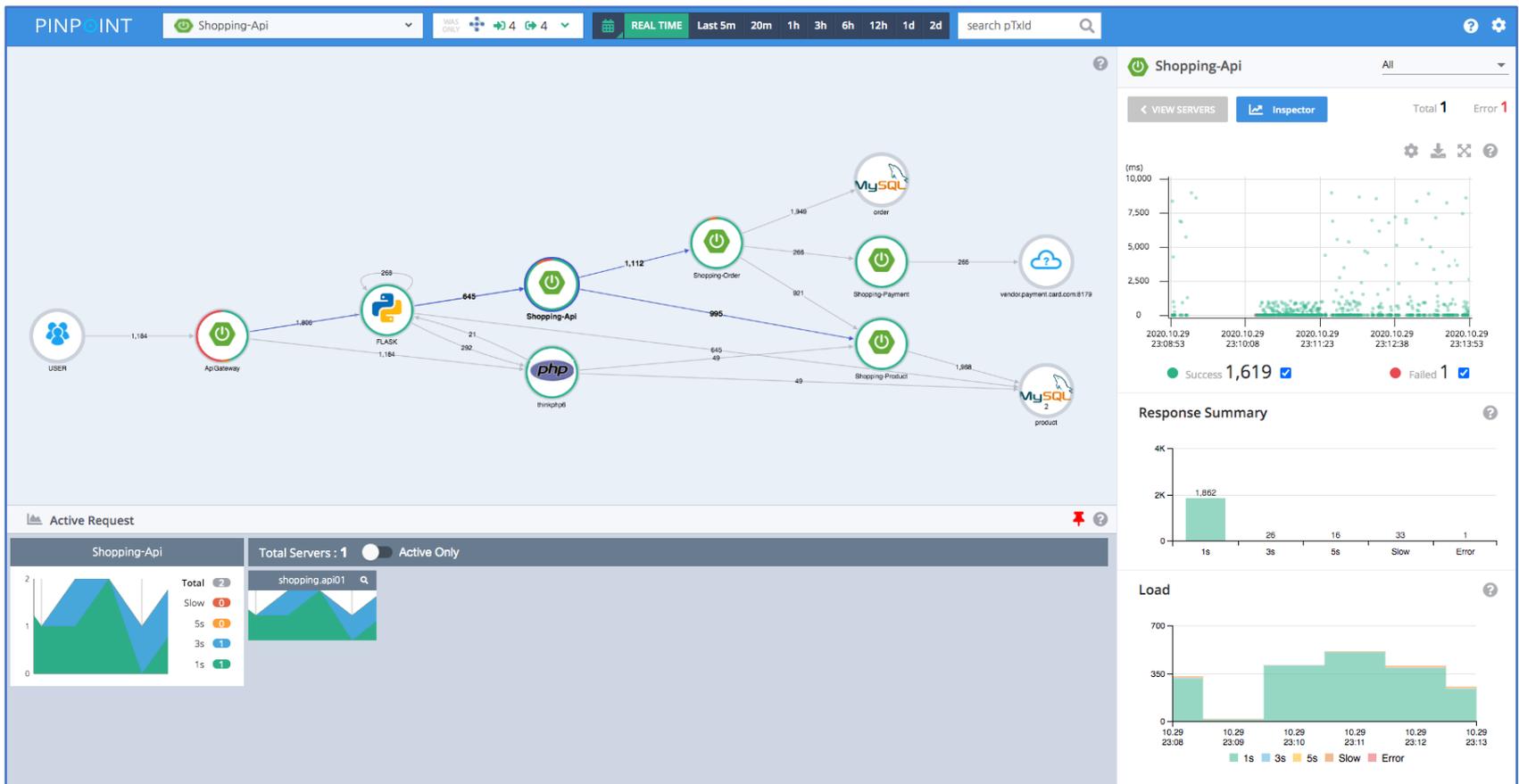
 Armeria



nbase-arc

 nGrinder

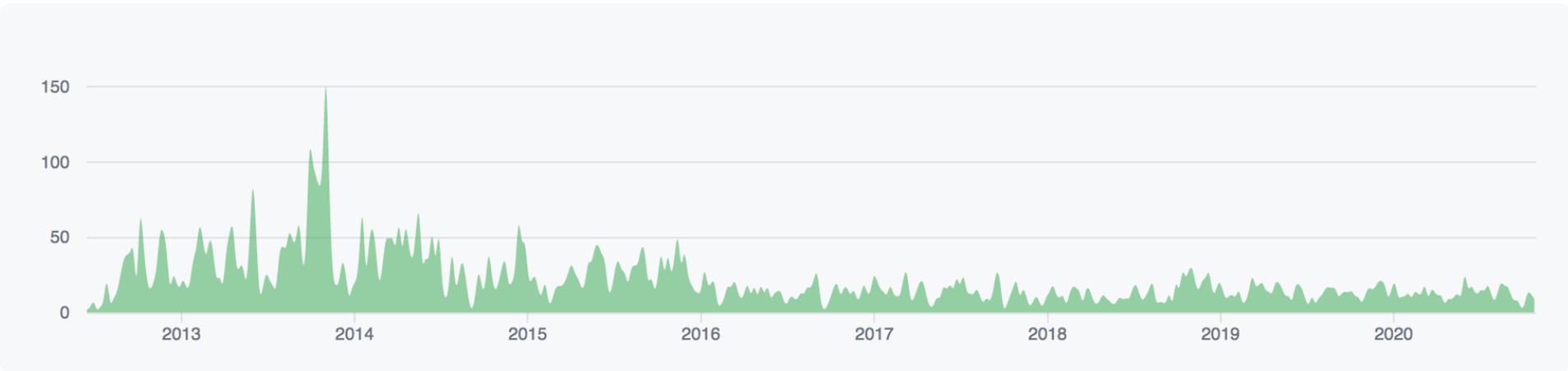
Pinpoint is an open source APM (Application Performance Management) tool for **large-scale distributed system**.



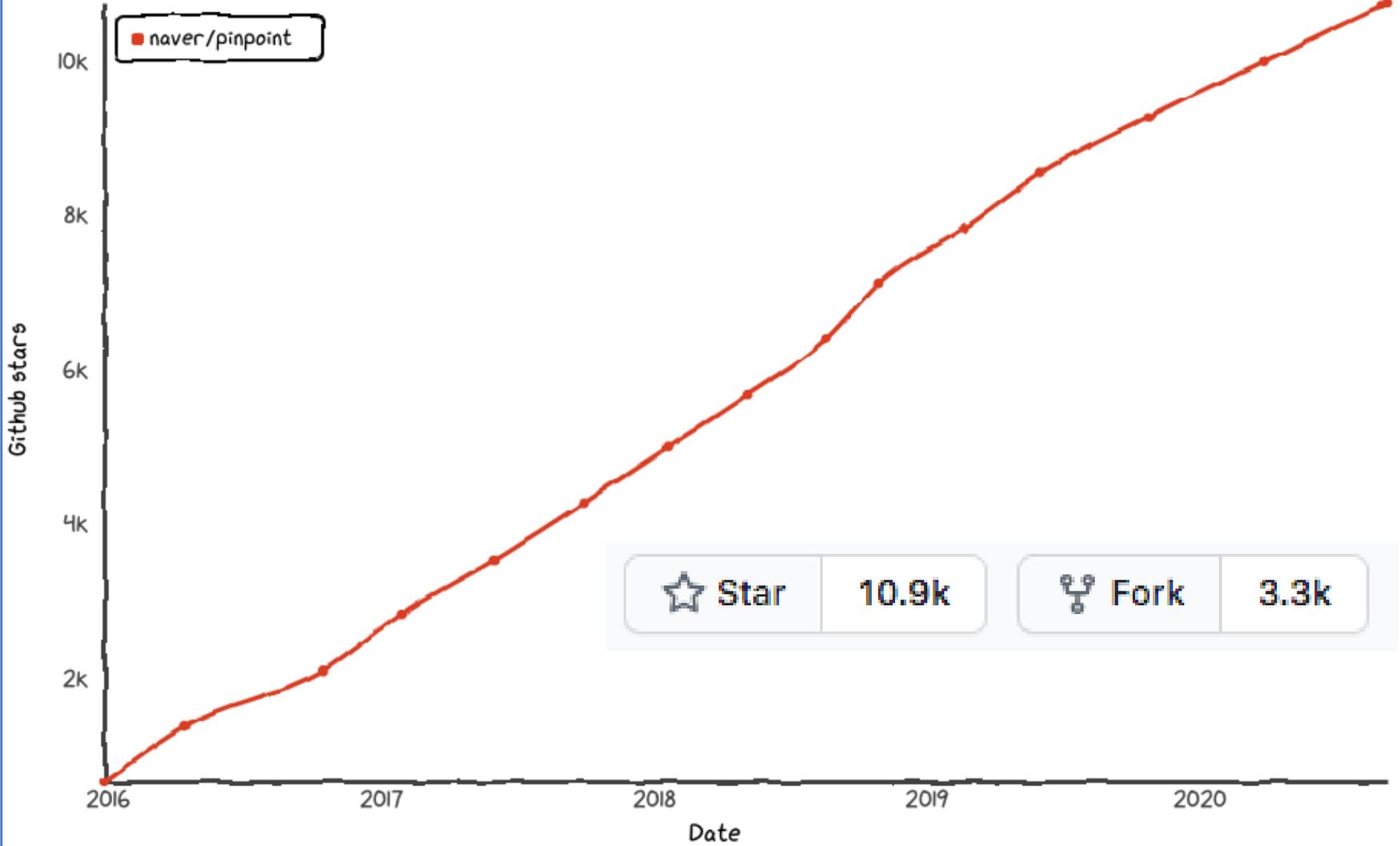
Jun 17, 2012 – Oct 29, 2020

Contributions: Commits ▾

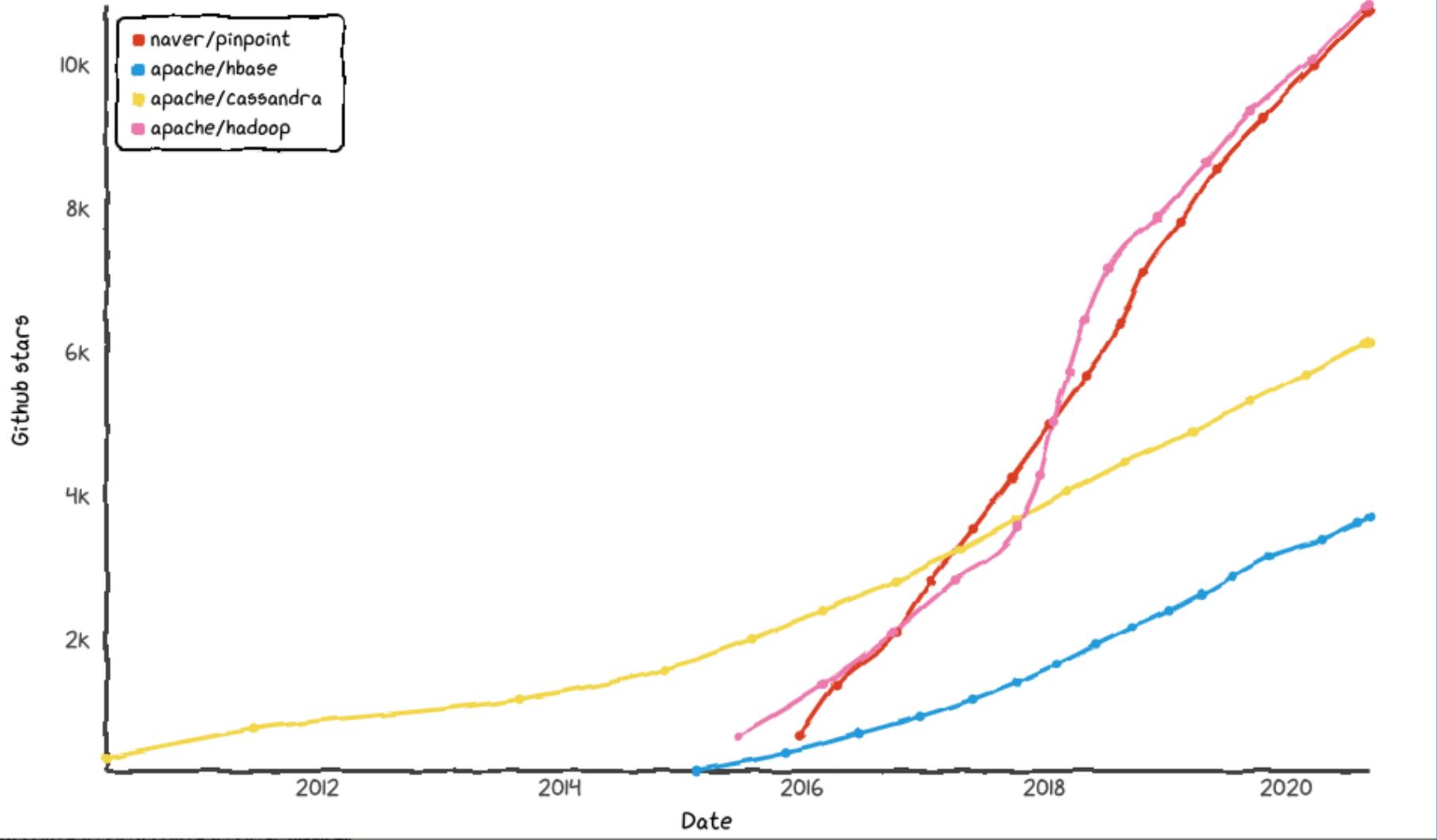
Contributions to master, excluding merge commits

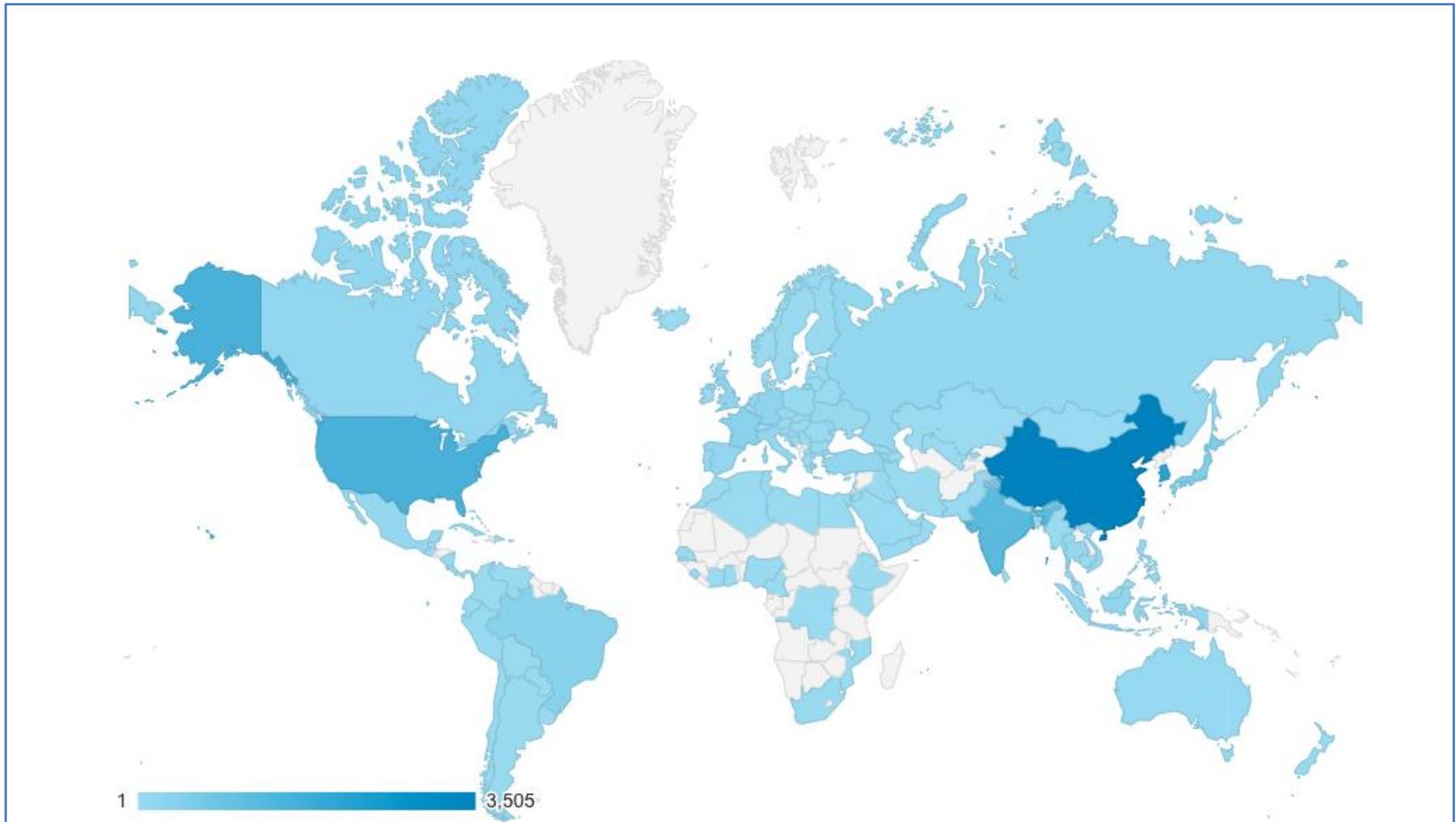


Star history



Star history





Marketing Your Open Source Project

Deirdré Straughan

Marketing Your Open Source Project

Deirdré Straughan, Open Source Content Lead, AWS
With thanks to Charles Dörner, Amazon

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Marketing Your Open Source Project

Deirdré Straughan
@awsopen @deirdres

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Mautic Community Documentation Support Blog

Deirdré Straughan
@awsopen @deirdres

Mautic

Mautic Community

Supporting the World's Largest Open-Source Marketing Automation Project

Nearly a Quarter Million Organizations	Working in 35 Languages	And Over a Thousand Volunteers
<p>200,000+ Organizations using mautic</p>	<p>35+ Language Translations</p>	<p>1,000+ Community Contributors</p>

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홈 알림 쪽지 트윗터 검색하기

트윗 42 팔로잉 17 팔로워 161 마음에 들어요 5 리스트 0 모멘트 0

프로필 수정

Pinpoint
@Pinpoint_APM

Best open source APM system for large-scale distributed systems written in Java

Republic of Korea
naver.github.io/pinpoint/index...
가입일: 2017년 12월

사진 및 동영상 4개

트윗 트윗과 답글 미디어

Pinpoint @Pinpoint_APM · 7월 12일
The two days of "Pinpoint Open House" event has finished. Thanks to everyone who has joined us in the event.

Special Thanks to
@adriancole @autoletics @wusheng1108 @rakyll @jchavezs @TommyLudwig @dtornkaew, Chenguoxi, Liumingyi

and of course, members of Team Pinpoint

트윗 번역하기

내가 리트윗했습니다

coscup @coscup · 7월 1일
🏆 全球獎頒獎典禮 🏆
Ladies and gentlemen
2019 年度【COSCUP 官網議程表】出爐!

팔로우 추천 · 새로 고침 · 모두 보기

- Dawnbridge** @Dawnbridg...
팔로우
- 张金楼** @zhang_jeffery
팔로우
- Adrian Cole** 님 외 다수가 팔로우 중
- Fintan Ryan** @fintanr
팔로우

🔗 지인들을 찾아보세요

Search Console Help

Search Engine Optimization (SEO) Starter Guide

Who is this guide for?

If you own, manage, monetize, or promote online content via Google Search, this guide is meant for you. You might be the owner of a growing and thriving business, the webmaster of a dozen sites, the SEO specialist in a Web agency or a DIY SEO ninja passionate about the mechanics of Search: this guide is meant for you. If you're interested in having a complete overview of the basics of SEO according to our best practices, you are indeed in the right place. This guide won't provide any secrets that'll automatically rank your site first in Google (sorry), but following the best practices outlined below will hopefully make it easier for search engines to crawl, index and understand your content.

Search engine optimization (SEO) is often about making small modifications to parts of your website. When viewed individually, these changes might seem like incremental improvements, but when combined with other optimizations, they could have a noticeable impact on your site's user experience and performance in organic search results. You're likely already familiar with many of the topics in this guide, because they're essential ingredients for any web page, but you may not be making the most out of them.

You should build a website to benefit your users, and any optimization should be geared toward making the user experience better. One of those users is a search engine, which helps other users discover your content. Search Engine Optimization is about helping search engines understand and present content. Your site may be smaller or larger than our example site and offer vastly different content, but the optimization topics we discuss below should apply to sites of all sizes and types. We hope our guide gives you some fresh ideas on how to improve your website, and we'd love to hear your questions, feedback, and success stories in the Google Webmaster Help Forum¹.

We hope you will enjoy the content and we hope to hear and integrate your feedback via our Google support Forums

Feel free to save, print off the guide responsibly and re-share it: let's improve the quality of the web.

1. Get your site working on Search Console

- Search Engine Optimization (SEO) Starter Guide
- Get your website on Search Console
- Add a website property
- Verify your site ownership
- Managing owners, users, and permissions
- I don't recognize this new owner

Landscape Card Mode Serverless Members

Tweet 694

App Definition and Development

Database: KV, Vites, Caspio, Highte, etc.

Streaming & Messaging: NATS, nifi, etc.

Application Definition & Image Build: HELM, etc.

Continuous Integration & Delivery: argo, etc.

Orchestration & Management

Scheduling & Orchestration: kubernetes, etc.

Coordination & Service Discovery: CoreDNS, etcd, etc.

Remote Procedure Call: gRPC, etc.

Service Proxy: envoy, etc.

API Gateway: APIKIT, etc.

Service Mesh: LINKERD, etc.

Runtime

Cloud-Native Storage: ROOK, etc.

Container Runtime: cri-o, rkt, etc.

Cloud-Native Network: CNI, etc.

Provisioning

Automation & Configuration: Ansible, etc.

Container Registry: HARBOR, etc.

Security & Compliance: Falco, etc.

Key Management: etc.

Platform

Certified Kubernetes - Distribution: etc.

Certified Kubernetes - Hosted: etc.

Certified Kubernetes - Installer: etc.

PaaS/Container Service: Flynn, etc.

Kubernetes Training Partner: etc.

Observability and Analysis

Monitoring: Prometheus, etc.

Logging: fluentd, etc.

Tracing: Jaeger, etc.

Chaos Engineering: etc.

Serverless: etc.

Members: etc.



This landscape is intended as a map through the previously uncharted terrain of cloud native technologies. There are many routes to deploying a cloud native application, with CNCF Projects representing a particularly well-traveled path

CLOUD NATIVE COMPUTING FOUNDATION

CLOUD NATIVE Landscape

Redpoint Amplify

l.cncf.io

Special

Kubernetes Certified Service Provider: etc.

Members

etc.



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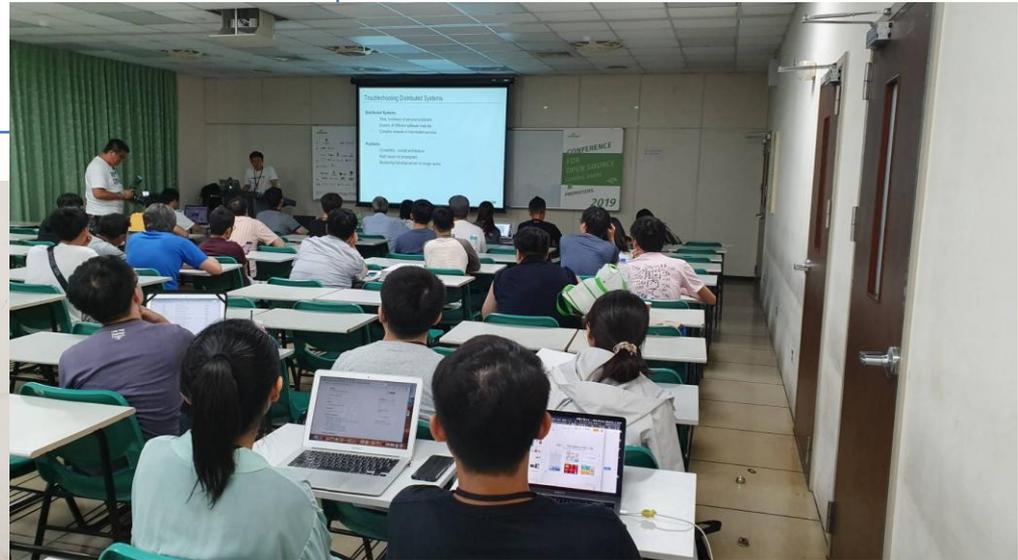
COSCUP 2019

August 17-18, 2019

NTUST

Registration

Certification exam

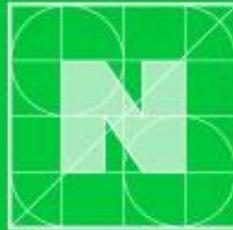






네이버 오픈소스 세미나

Performance does matter.



2019.07.11 (목) 13:00 ~ 18:00

PINPOINT
네이버 오픈소스 세미나

일시 7.11(목) 오후 1:00-6:00
장소 NAVER D2 Startup Factory

f
t
?
좋아요 0개

개설자정보

본 모임은 종료된 모임입니다.

✉ webmaster@onofnix.com
☎ 02-6080-5579

-문의사항은 메일/전화로 이용해주세요

네이버 오픈소스 세미나 - Performance does matter

- 📅 모임기간 2019.7.11 (목) 13:00 ~ 18:00
- 📍 모임장소 [NAVER D2 STARTUP FACTORY]서울특별시 강남구 강남대로 382 메리츠타워 16층 지도보기
- 👤 모집정원 총 85명

상능 문제를 해결하기 위해 만들어진 오픈소스 SW들을 소개하고 개발 경험담을 공유하는 모임입니다.
Pinpoint, Zipkin, Apache Skywalking 개발자들을 직접 만나고 함께 토론할 수 있는 자리에 여러분을 초대합니다!

신청기간 2019.7.1 (월) 11:00 ~ 2019.7.2 (화) 18:00

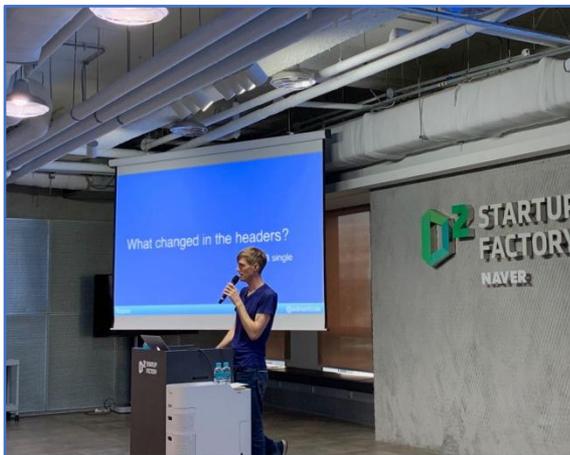
네이버 오픈소스 세미나 참석 무료

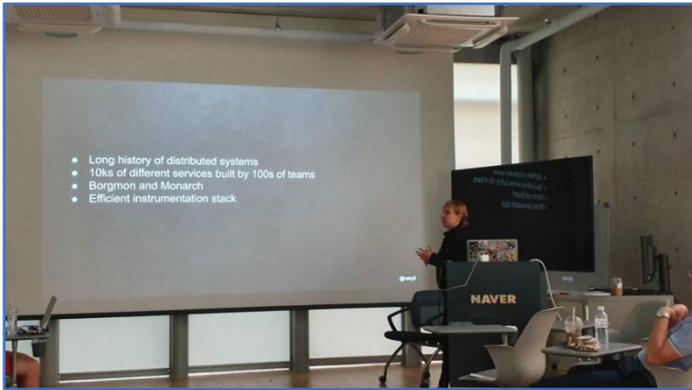
개설자신청 | 정원 85명 마감

앵콜 요청하기

♡
1

앵콜 선택 시 개설자에게 모임 개설이 요청됩니다.







"구글·아마존 부럽지 않네" 네이버 오픈소스 혁신 동향

강일용 기자 | 입력 : 2019-07-15 15:13

네이버, 직접 개발한 30여개 SW 오픈소스로 공개... '핀포인트' 프로젝트 등이 인기
경쟁사까지 초대한 열린 행사 개최, 시장 규모 확대하는 오픈소스 정신 강조

- 📄
- 가
- 가
- URL
- f
- 🐦
- 🗣️
- 📺
- 👤



강원덕 네이버 핀포인트 프로젝트 라디가 핀포인트 오픈 하우스 행사에 참석한 전 세계 1000여명의 개발자들에게 핀포인트 프로젝트의 비전을 설명하고 있다. [사진=네이버 제공]

네이버가 글로벌 IT 기업이 추진 중인 '오픈소스 혁신' 전략에 본격적으로 동참한다.

오픈소스란 기업의 기술 자산을 외부에 공개하는 것을 말한다. 구글, 마이크로소프트, 아마존 등 글로벌 IT 기업들은 10여년 전부터 기초 기술을 오픈소스로 공개하고, 고급 기술이나 기술 자원을 클라우드에서 제공함으로써 시장 규모를 확대하고 기업 고객을 확보하는 정책을 추진하고 있다. 세 회사가 전 세계 시총 1위를 두고 집전을 펼칠 수 있었던 비결로 이렇게 시장 규모를 키우는 오픈소스 기반 사업 구조가 꼽힐 정도다.

지난 11일 네이버는 서울 강남구 D2 스타트업 팩토리에서 전 세계 오픈소스 개발자를 초청해 '핀포인트 오픈 하우스' 행사를 진행했다. 행사에는 네이버가 만든 오픈소스 APM(앱 상황 모니터링) 소프트웨어(SW) '핀포인트(Pinpoint)'를 포함해 'Zipkin', '스카이워킹(Skywalking)' 등 전 세계 주요 오픈소스 APM 개발자와 국내

받는사람 김성욱[Wook Kim Sung]<roy.kim@navercorp.com>

안녕하세요?
정말 아무생각 없이 세미나 참석 했었는데,
뜻하지 않게 보물을 발견한 느낌이었습니다.
직접 설치해 보고 확인해 보니 너무나 좋네요..
이렇게 좋은 프로그램을 공개해 주신 naver pinpoint 팀에게 나

Sent: 2019-07-12 (금) 12:03:24 (GMT+09:00)

Subject: [from Cloud-Barista to PinPoint]

안녕하세요.
인사드렸던 ETRI ()입니다.

어제 말씀드렸던 바와 같이 양측 커뮤니티 네트워킹을 위해서
일단, 저희 과제책임자 연락처 공유 드립니다.

- 프로젝트 리더: ()
- 메일: ()

감사합니다.
수고하세요.

넵, 감사합니다.

조만간 관련하여 자리를 한번 마련해보도록 하겠습니다.

감사합니다.
즐거운 하루 되세요.

삼성 같은곳에서도 이렇게 opensource인사를
초대해서 컨퍼런스를 진행하기가 힘든데. 대단하다.

행사의 라인업이 좋았다



Adrian Cole @adriancole · 7월 16일
 Subtle, but if you look carefully, Naver made @Pinpoint_APM @ASFSkyWalking and @zipkinproject cookies. They could have done kool-aid, but instead they went for something more solid

Pinpoint @Pinpoint_APM · 7월 12일
 The two days of "Pinpoint Open House" event has finished. Thanks to everyone who has joined us in the event.

Special Thanks to @adriancole @TommyLudwig and of course, members of Team Pinpoint

Chris K Wensel @cwensel · 7월 13일
 Had some serious FOMO this week.

Pinpoint @Pinpoint_APM · 7월 12일
 The two days of "Pinpoint Open House" event has finished. Thanks to everyone who has joined us in the event.

Special Thanks to @adriancole @autoletics @TommyLudwig @dtornkaew and of course, members of Team Pinpoint

Wu Sheng 吴晟 @wusheng1108 · 7월 12일
 My daughter is the center of event. Haha Glad to meet old and new friends there. Thanks everyone.

Pinpoint @Pinpoint_APM · 7월 12일
 The two days of "Pinpoint Open House" event has finished. Thanks to everyone who has joined us in the event.

Special Thanks to @adriancole @autoletics @wusheng1108 @rakyll @jcchavez @TommyLudwig @dtornkaew, Chenguoxi, Liumingyi and of course, members of Team Pinpoint

tetratio @tetratio · 7월 11일
 Our team member @wusheng1108 is in Seoul, Korea at @Pinpoint_APM's #opensource conference. He'll be presenting on the core concepts of @ASFSkyWalking and sharing with the crowd the latest look of SkyWalking's UI today.

Cool!!! Thanks for @Pinpoint_APM team.

Jaana B. Dogan @rakyll · 7월 11일
 No one cares about metrics, traces, logs, etc. We care about signaling behaviors and reasoning about the signals. We need a model that scales to humans not to machines. — @autoletics

José Carlos Chávez @jcchavez · 7월 11일
 I really love this #zipkin cookies.



Jaana B. Dogan @rakyll · 7월 12일
I am at NAVER.

2 16



트윗 번역하기

오후 6:47 · 2019년 7월 12일, NAVER Green Factory · Twitter for iPhone



Adrian Cole @adriancole · 7월 12일
a thread to save!

Jaana B. Dogan @rakyll · 7월 11일
At NAVER OpenSource Seminar. Bob Ross programming jokes are a thing in Korea too.
[이 스레드 보기](#)



Jaana B. Dogan @rakyll · 7월 12일

3 42

Scaling Distributed Tracing

Distributed Tracing Workshop — Seoul — July 2019

 Autoletics [Follow](#)
Jul 18 · 8 min read

Below I've listed the slides I presented on the first day of a distributed tracing workshop organized by Naver Corp. and held in Seoul, South Korea.



José Carlos Chávez @jcchavezs · 7월 10일
I don't understand Korean but I think I got this one pretty clear.

2









Automatic transformation of interpreters to compilers

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Embeddable in native or managed applications



ORACLE OPEN WORLD 21-22 April 2020 Marina Bay Sands | Singapore

Announcing Oracle CEO Safra Catz at Oracle OpenWorld Asia

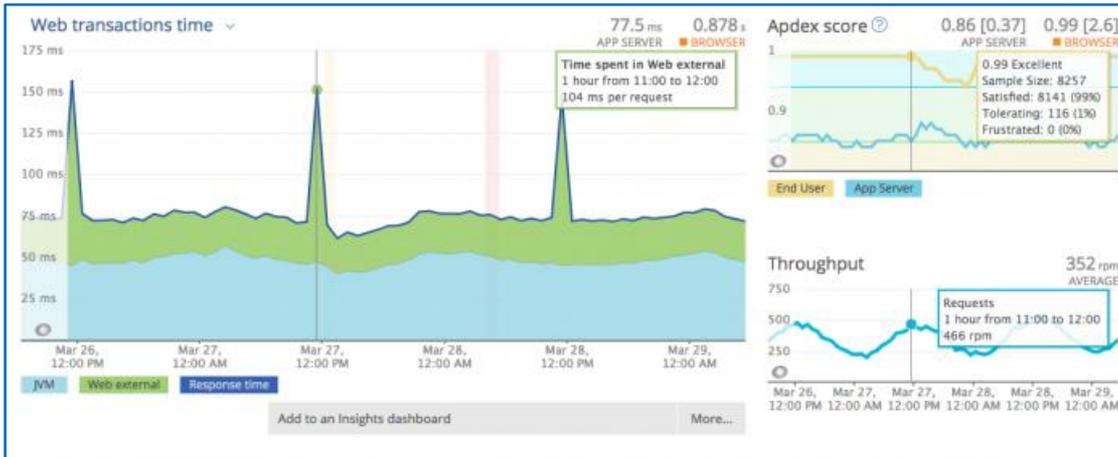
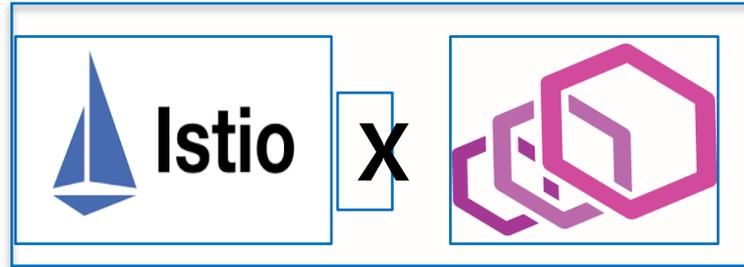
21-22 April 2020.

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Sessions designed for you (real-time simultaneous translation will be available)

View the catalogue



An Introduction to
AI-Ops

iauro

출처 : <https://medium.com/@iauro/an-introduction-to-aiops-f3e063eaf1eb>
<https://docs.newrelic.com/docs/new-relic-solutions/new-relic-solutions/measure-devops-success/app-remediation-gather-performance-statistics>

NAVER
CLOUD PLATFORM

[소개](#)
[서비스](#)
[솔루션](#)
[요금](#)
[고객지원·FAQ](#)
[파트너](#)
[가이드센터](#)

<
Application Service
Notification Service
API Gateway
Search Trend
RabbitMQ
Simple RabbitMQ Service
Cloud Outbound Mailer

Platform 2.0 전용

Pinpoint

분산 서비스 및 시스템의 성능 분석/진단/추적 플랫폼 서비스인 Pinpoint를 Server 설치형으로 제공합니다.

이용 신청하기

특징

상세기능

요금

이용안내 [↗](#)

분산 서비스 및 시스템의 성능 분석/진단/추적 플랫폼 서비스

*“N” 계층의 SOA(Service Oriented Architecture) 및 Micro-Service로 구성된 아키텍처 서비스 추적/분석 제공

서비스 이용요금

- Pinpoint 서비스는 안정된 버전의 오픈소스 라이브러리 Pinpoint를 Server 상점에 설치하여 제공하는 상품입니다.
- Server와 공인 IP 이용 요금 외에는 별도의 추가 요금이 발생하지 않습니다.

구분	제공 버전	요금
Ubuntu 16.04, 14.04 CentOS 7.3, 6.6	Pinpoint 1.7.3	무료

이용 신청하기

Q & A

Thank you