



# ATS Fall Summit 2018

Bryan Call (ATS Chair)

# Logistics

Facilities

Badges

Lunch

Break

Schedule - <https://s.apache.org/atssummit>

Streamed live - <https://bluejeans.com/721586274>

Tomorrow we are meeting at: **580 N Mary Ave, Sunnyvale**

# Logistics

Upload slides

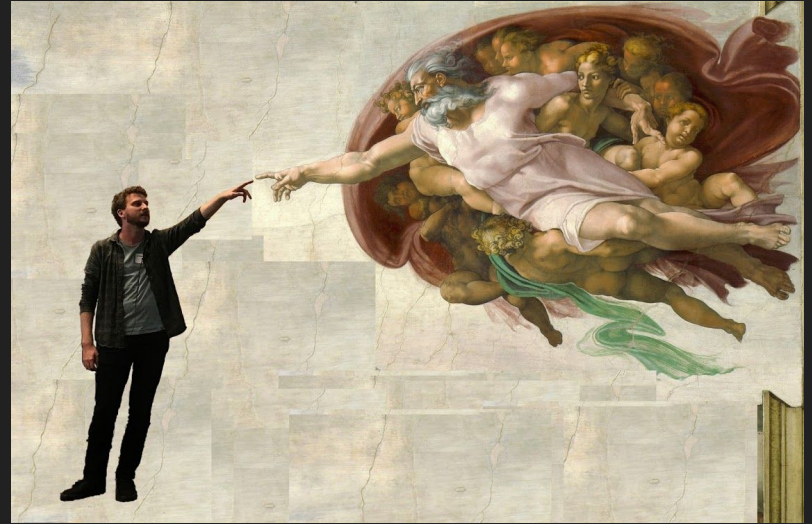
<https://s.apache.org/atsslides>

Pictures

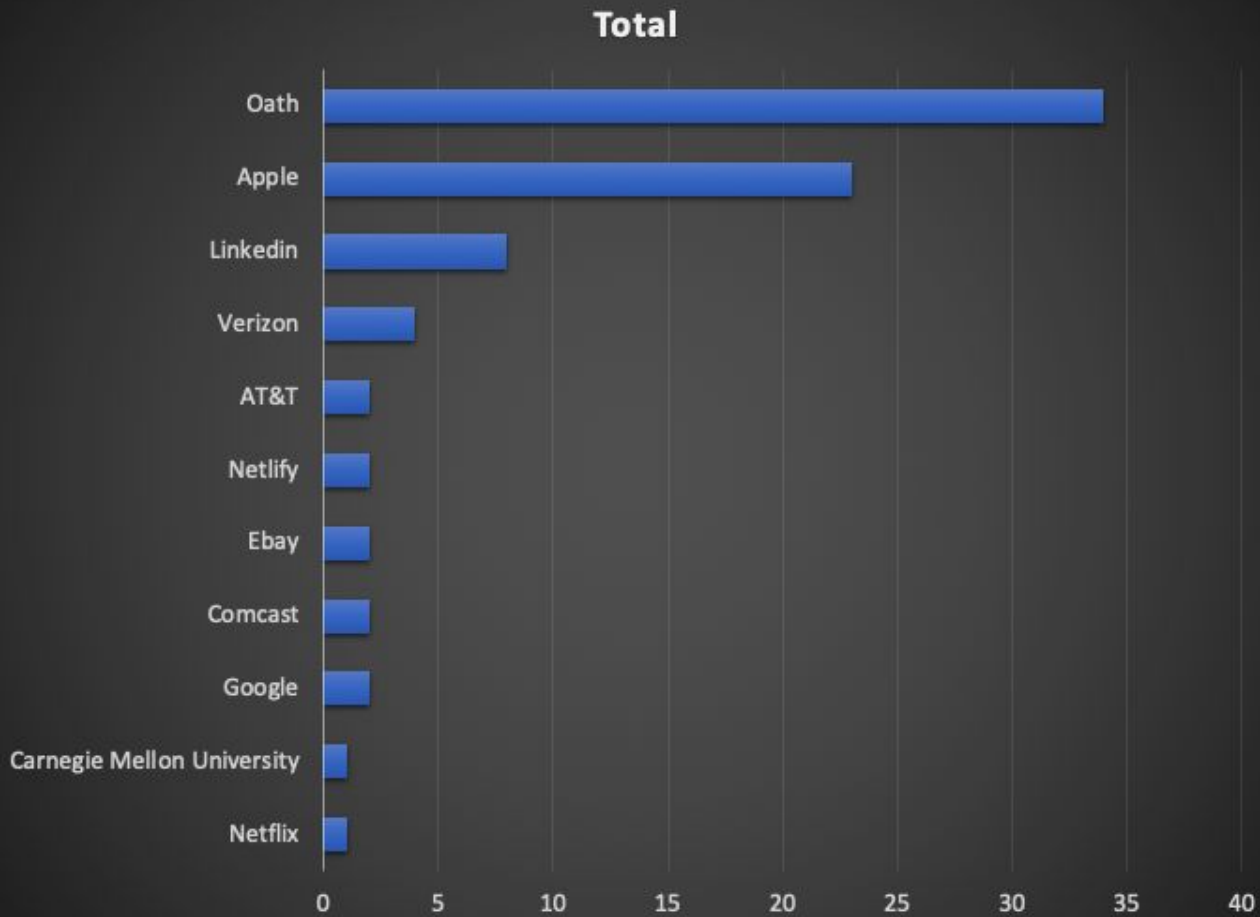
<https://s.apache.org/atsphotos>

Twitter

@trafficserver



87 Attendees



# Apache Way

Diversity

Companies

Community before code

Have other companies approve PRs



# IRC - Freenode - #traffic-server

Channel spamming has been bad

Quiet unregistered users

```
mode +q $~a
```

Registered nick to speak

<https://freenode.net/kb/answer/registration>

Giving voice to people

# Spring Summit 2018

Cork Ireland



# Spring Summit 2018

18 people attended

Companies: Oath (Verizon), Apple, Comcast, GoDaddy, We-Amp, Clearswift

17 talks from 13 speakers

4 workshops on clang-analyzer, Autest, Coverity, and GitHub Issues

Upgraded from clang-analyzer 5 to 6

Resolved 47 of the 50 new issues

Showed everyone that attended how view and use clang-analyzer reports

Great participation from all attendees on resolving issues



# Spring Summit 2018

## Coverity Issues

- 85 open issues at the beginning of the summit

- Resolved 15 issues

- Granted Coverity access to all attendees

## Community building events

- Dinner at the Kingsley Hotel with 22 attendees

- Visited the Blarney Castle and kissed the Blarney Stone

- Tour of the Jameson Distillery and partaking in taste testing

# Spring Summit 2018

Proposals/Decisions for ATS 8.0 release (see mailing list for details)

- Moving to YAML for configuration, dropping lua

- Removing the LuaJIT dependency in core

- Moving to C++17 standard

- Removing metrics.config

- Removing traffic\_cop

- Removing epic plugin

- Promoting plugins to stable:

  - cache\_promote

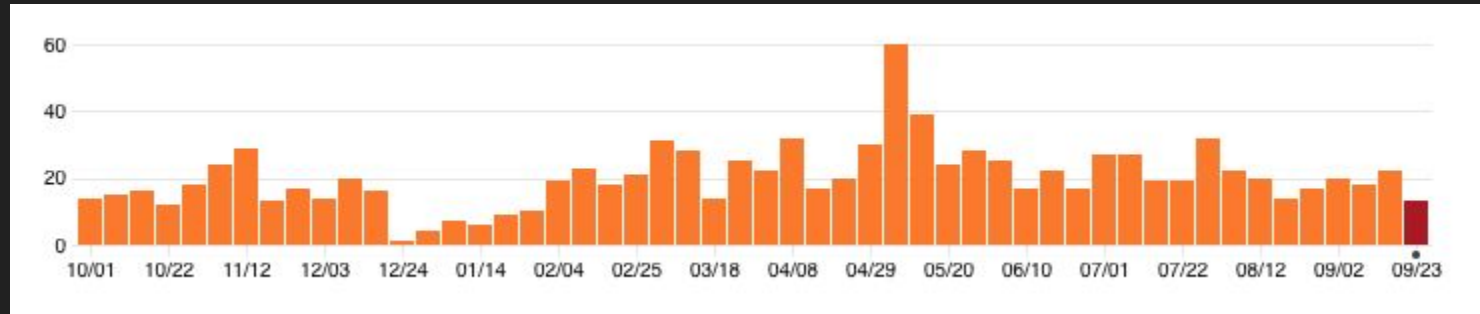
  - cachekey

  - ts\_lua (and rename to lua)

  - escalate

# Spring Summit 2018

Spring Summit are productive!



# Spring Summit 2018

And fun!



# Spring Summit 2018

And fun!





# Spring Summit 2018



# Spring Summit 2018



# Github

## Pull requests

Merging/closing faster

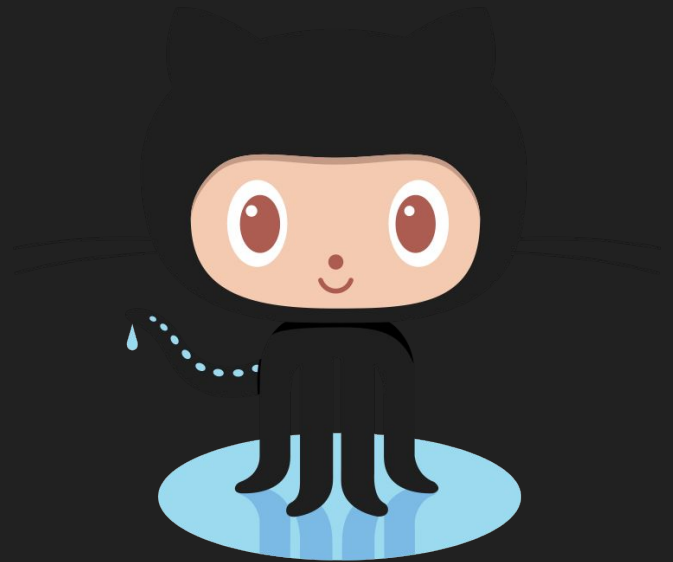
Last year had a lot of old PRs

Have other companies approve

## Issues

Not as good as Jira

Needs more attention and cleanup





# Last Quarter

3 Releases

6.2.3, 7.1.4, 8.0.0

672 Commits

10.5 Commits per day (5 day week)

46 authors

88,600 lines changed

# Security

7 CVEs this year

Fixed in 7.1.0 and 6.2.2

CVE-2017-7671: Apache Traffic Server vulnerability with TLS handshake

Fixed in 7.1.2 and 6.2.2

CVE-2017-5660: Apache Traffic Server host header and line folding

# Security

Fixed in 7.1.3 and 6.2.3

CVE-2018-8004: Apache Traffic Server vulnerability with multiple HTTP smuggling and cache poisoning attacks

CVE-2018-1318: Apache Traffic Server vulnerability with method ACLs

Fixed in 6.2.3

CVE-2018-8022: Apache Traffic Server vulnerability with an invalid TLS handshake

# Security

Fixed in 7.1.4 and 6.2.3

CVE-2018-8005: Apache Traffic Server vulnerability with multi-range requests

CVE-2018-8040: Apache Traffic Server vulnerability with header variable access in the ESI plugin

# Logo

New logo contest

T-shirts

Stickers

traffic  server™

