Which Metrics Matter in DevRel?

Subjectivity Applied to Objectivity

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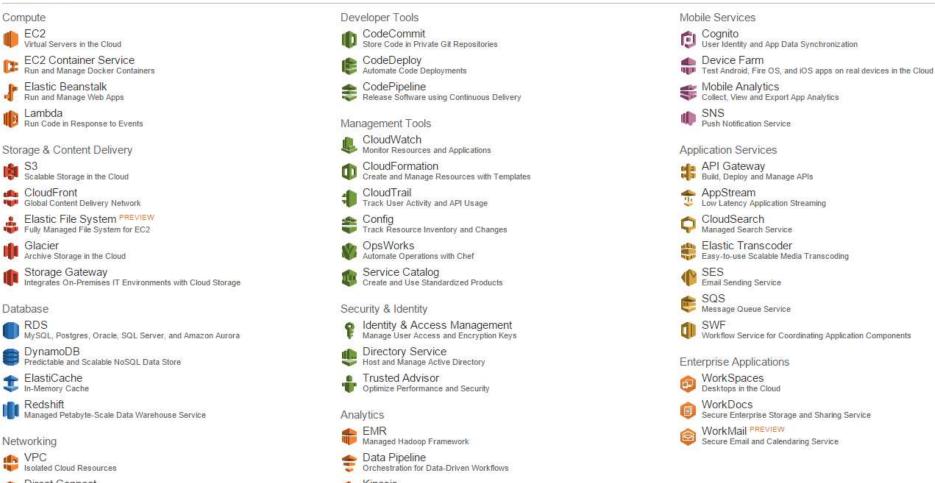


mware[®]

Pivotal



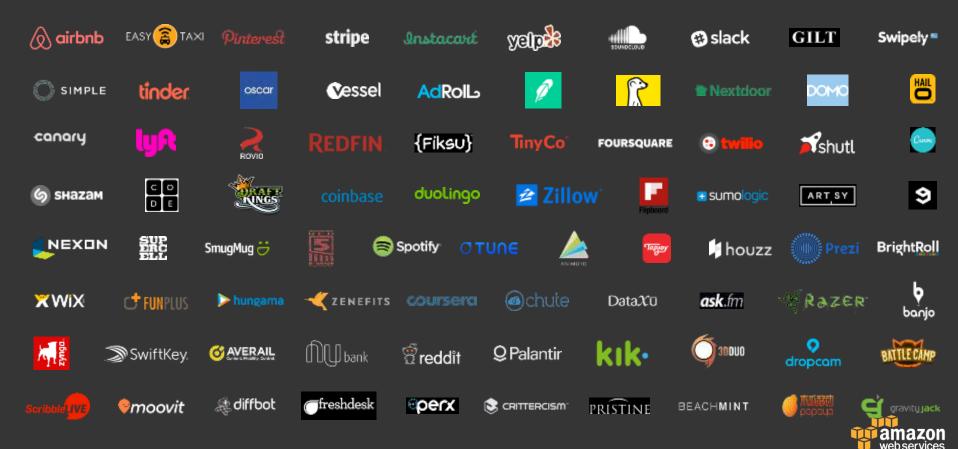
Amazon Web Services



Direct Connect

10.0

Largest Number Of Start-up Customers



Largest Number Of Enterprise Customers





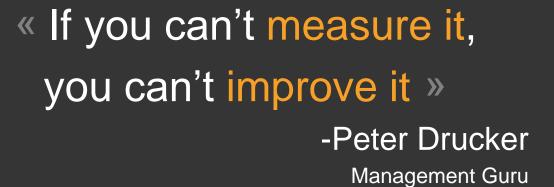
Largest Number Of Public Sector Customers



amazon webservices

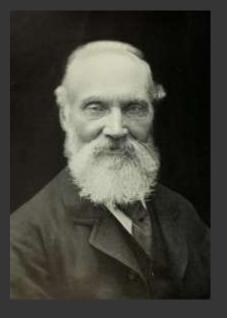
What Metrics Matter in Developer Relations?







If you can't measure it, you can't improve it » -Lord Kelvin William Thomson







« How do I know what you are doing is making a difference? » -Your Manager





Adam FitzGerald @DevRelChap

What is your critical Developer Relations metric? Asking for a friend 😌 #DevXCon

27% Users: DAU/MAU

7% Love: Github Stars

20% Volume: Unique Pageviews

46% Money: Conversion to Paid



V



Users: DAU/WAU/MAU



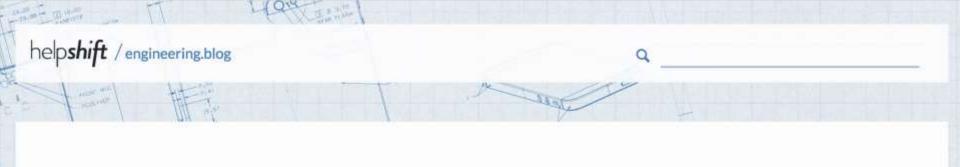
Over 2 Million Active AWS Customers





$AU = \left\| \{ id \, | \, \forall id \in Events \} \right\|$





June, 9, 2014

#data-structure #set-cardinality #hyperloglog

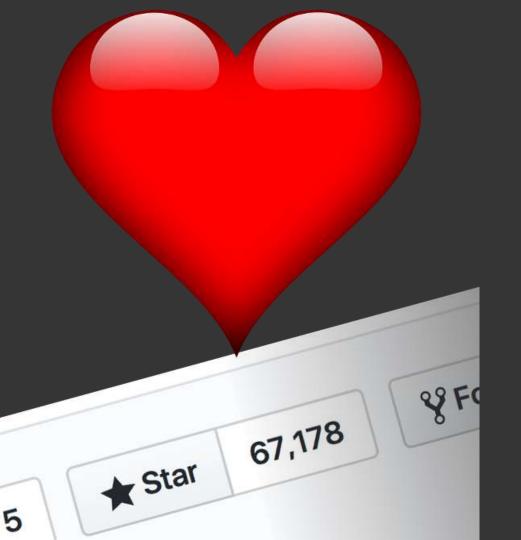
Efficient way to calculate active Users

In analytics we like to track every interaction of a user with the system. Whenever a user interacts with our system we record an *event*. This *event* usually contains an *id* which can uniquely identify the user. This *id* can be a cookie, an IP address or a Vendor ID from an iOS App. Active Users is the number of unique users who interacted with the system. Active users are calculated over a time-period, e.g. Monthly Active Users (MAU), Weekly Active Users (WAU) or Daily Active Users (DAU). So when you want to calculate MAU, you would gather all the events in the last month and count the number of unique *ids*. This means that Active Users is the *cardinality* of the *set* of all the *ids* from these *events*.

Perils of DAU/WAU/MAU

1. Externalities
2. Masking Churn
3. Wrong Event Source

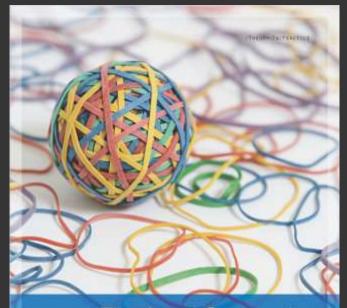




Love GitHub Stars







The Art of Community

Building the New Age of Participation

Second Edition

O REILLY

Jono Bacon



OSS: Users vs Contributors vs Committers

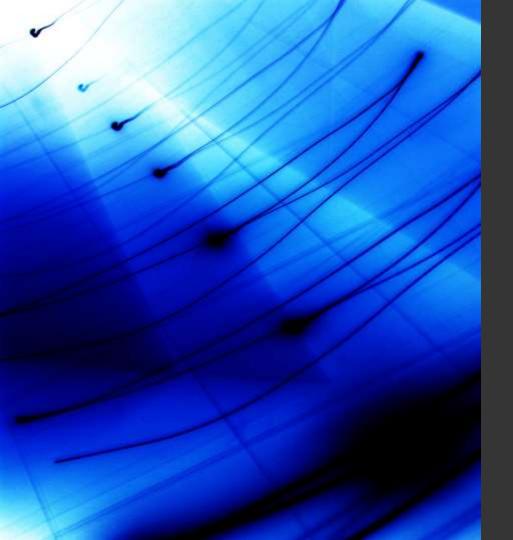


Spring Community Population (Open Source)



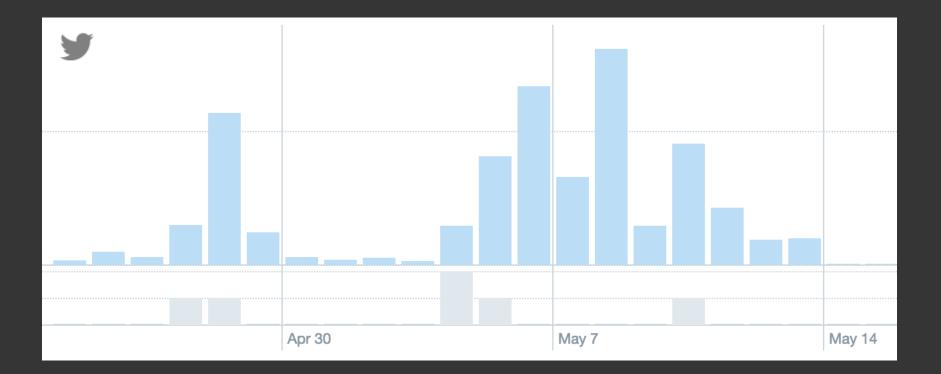


CONFIDENTIAL



Volume Unique PageViews Impressions







What is your Unit of Measure?







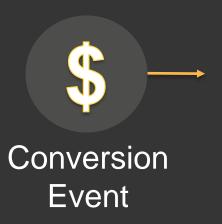


Money Conversion to Paid

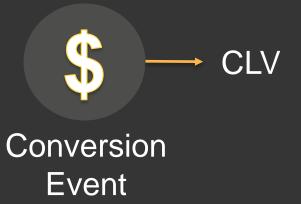


What is your conversion event?



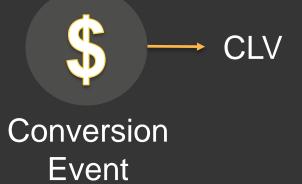




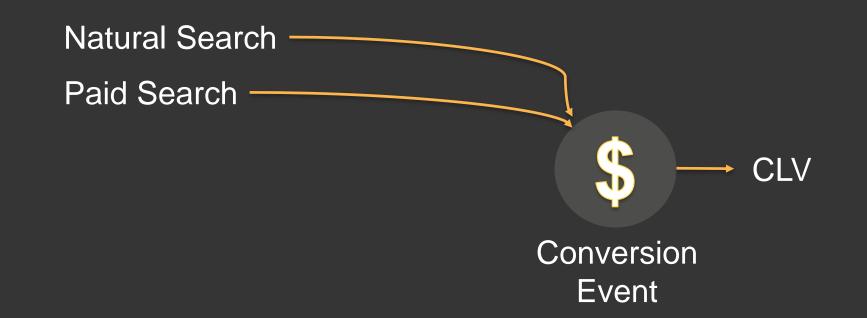




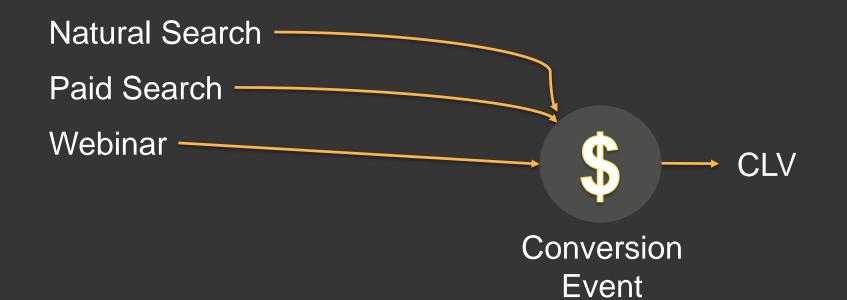
Natural Search -



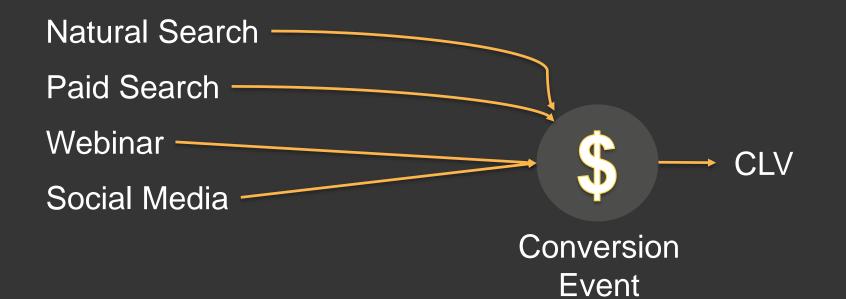




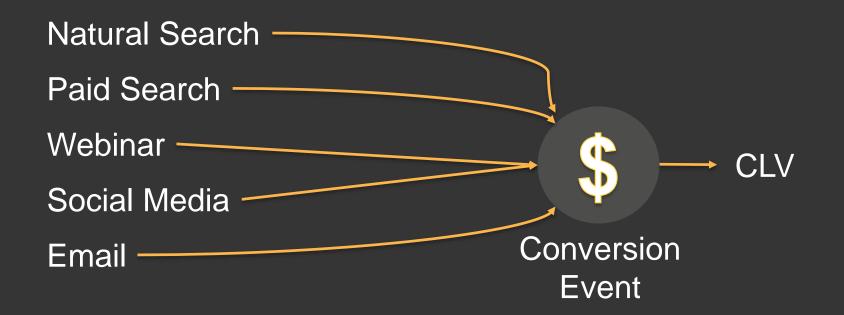




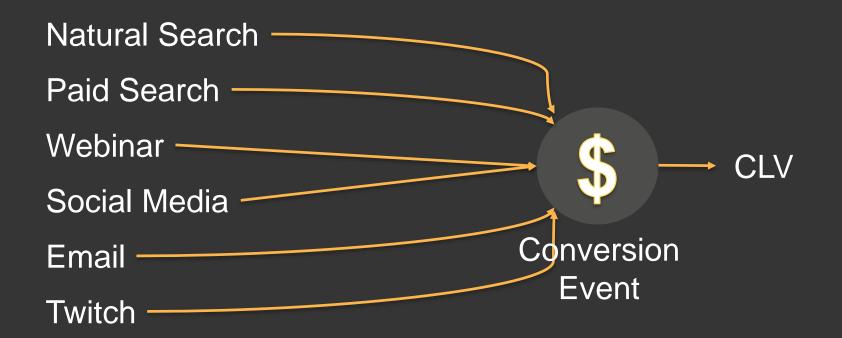






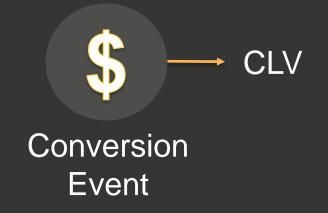








Natural Search Paid Search Webinar Social Media Email Twitch





Natural Search —

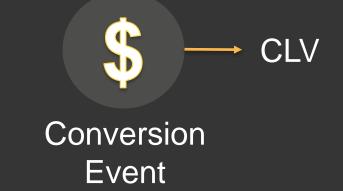
Paid Search

Webinar -

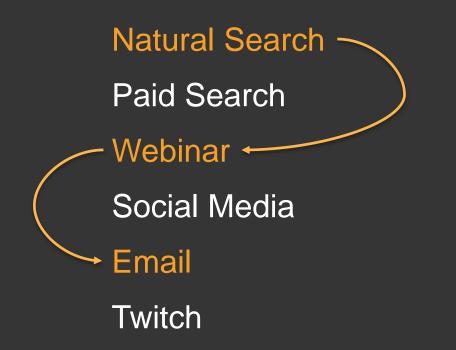
Social Media

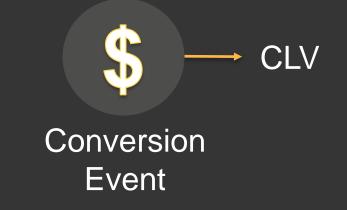
Email

Twitch

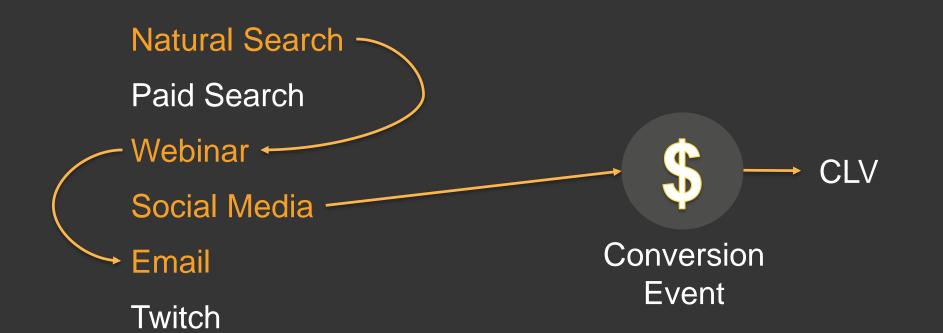








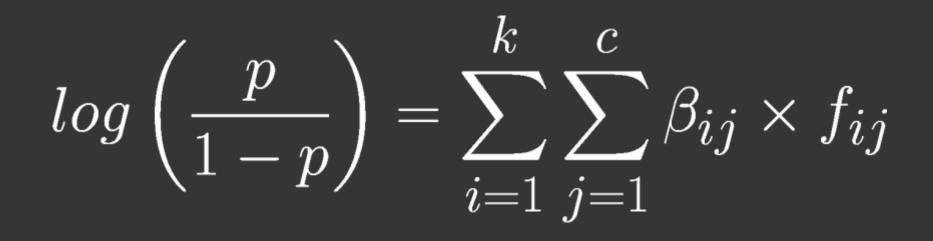






Multi-touch Attribution Model





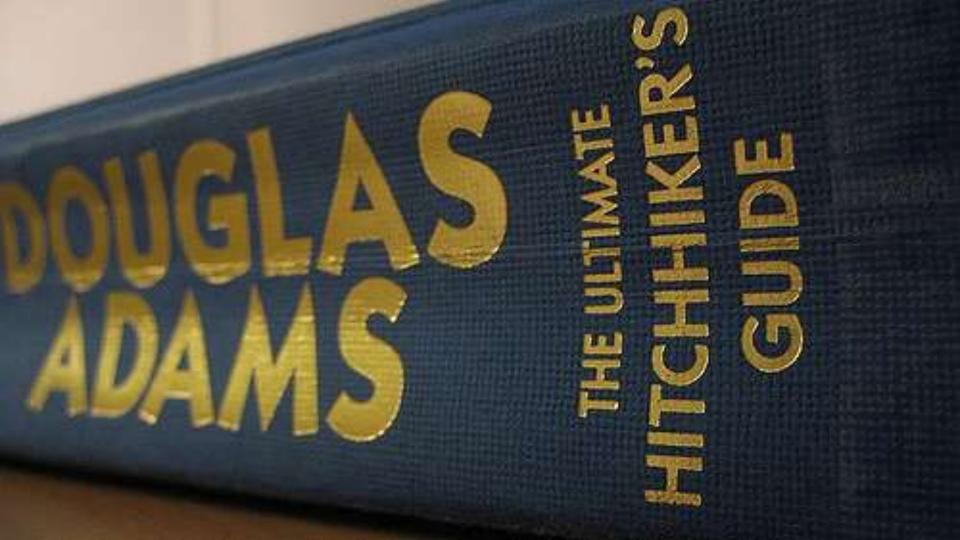


What Metrics Matter in Developer Relations?



All of them!





Thank you!

Adam FitzGerald



