Check your fluentd before log analytics

Toru Takahashi
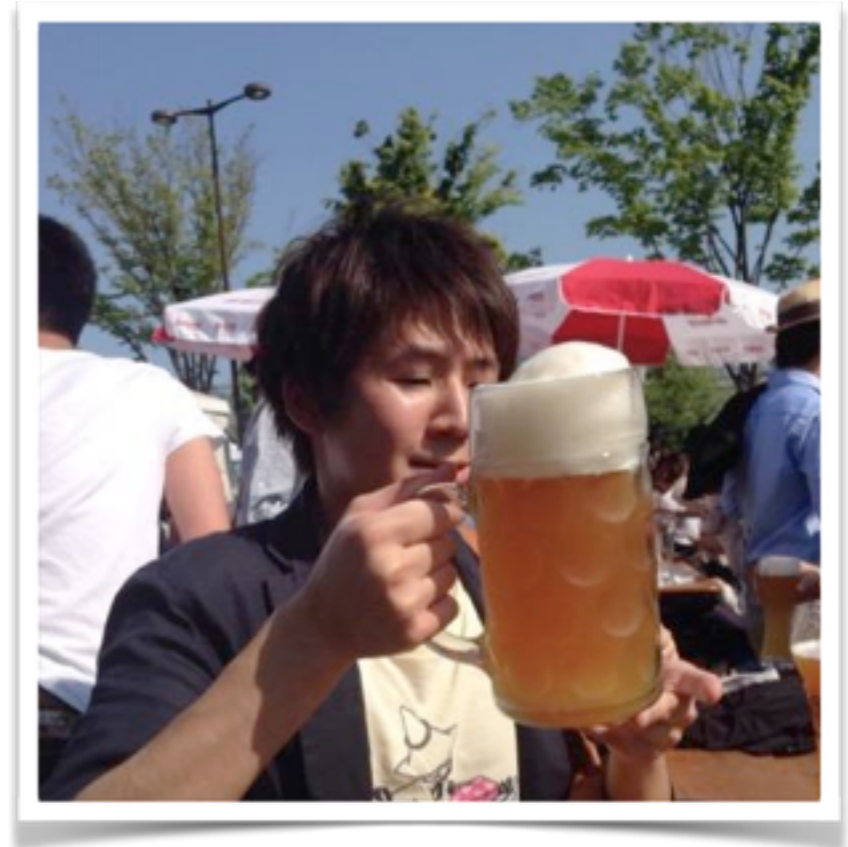
2015-10-15

ログ分析勉強会 vol.1
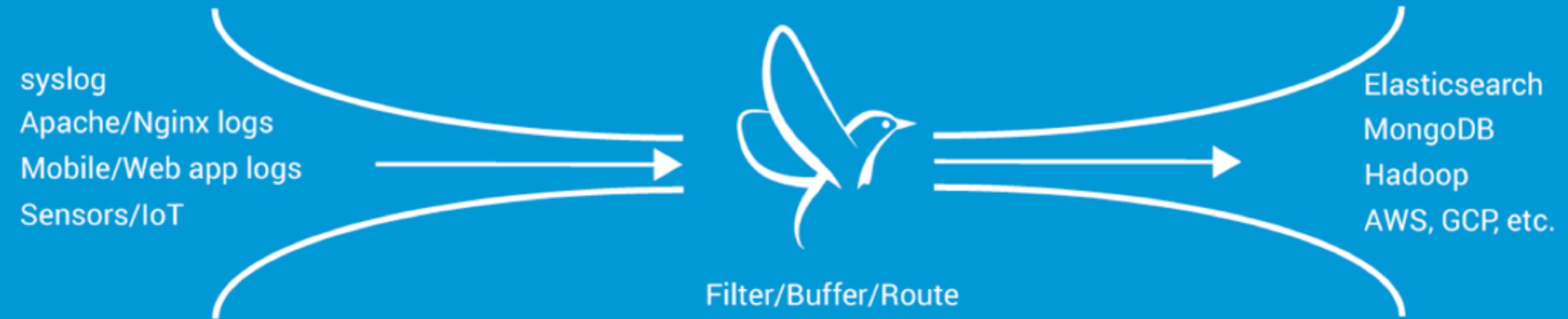
TREASURE
DATA

Who am I ?

Toru Takahashi
> twitter: @nora96o

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> **Treasure Data, Inc.**

> **Technical Support Engineer**

> **Love Nomad Working**

> **Most of staying in 女中酒場幻橙館**

> **My Publication**

> "これなら使える！ビッグデータ分析基盤のエコシステム"
(http://gihyo.jp/dev/serial/01/bigdata-analysis)

Build Your Unified Logging Layer

syslog
Apache/Nginx logs
Mobile/Web app logs
Sensors/IoT

Elasticsearch
MongoDB
Hadoop
AWS, GCP, etc.

Filter/Buffer/Route

We ♥ fluentd

Are you using td-agent1 or td-agent2 ?

- Security risk

  - td-agent1 uses Ruby 1.9.3, and it's end-of-life...

Support for Ruby 1.9.3 has ended

Posted by Olivier Lacan on 23 Feb 2015

As of today, all support for Ruby 1.9.3 has ended. Bug and security fixes from more recent Ruby versions will no longer be backported to 1.9.3.

This end of life was announced over a year ago.

We highly recommend that you upgrade to Ruby 2.0.0 or above as soon as possible. Please contact us if you'd like to continue maintaining the 1.9.3 branch for some reason you can't upgrade.

Recent News

ConFoo 2016 is looking for Ruby speakers

Ruby 2.2.3 Released

Ruby 2.1.7 Released

Ruby 2.0.0-p647 Released

RubyConf Taiwan 2015 Registration Online

Syndicate

Recent News (RSS)

https://www.ruby-lang.org/en/news/2015/02/23/support-for-ruby-1-9-3-has-ended/

Let's update!

- Check your td-agent version

  - Redhat & CentOS

    - *$ rpm -q td-agent*

  - Ubuntu

    - *$ dpkg -l | grep td-agent*

- Upgrade td-agent1 to td-agent2

  - Uninstall v1.

  - Install v2.

  - Install the plugins for v2.

Avoid Terror of Log Lost

- fluentd doesn't support Transaction

- To avoid Log Lost, Check the following settings.
  - **buffer_chunk_limit** / **buffer_queue_limit**
  - **retry_limit** / **retry_wait**
  - **secondary**
    - If fluentd failed to upload, it'll be saved on local
  - **require_ack_response**
    - At-least-once semantics for in_forward/out_forward

"Check your tools/configs before log analytics"