

TRAVIS CI & PHP

Build stuff.

AGENDA

Intro

Continuous Integration Overview

Travis CI Overview

Demo

FORK THIS!

<https://github.com/hrphp/travis-ci-example>

ME

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<http://guillermoandraefisher.com>

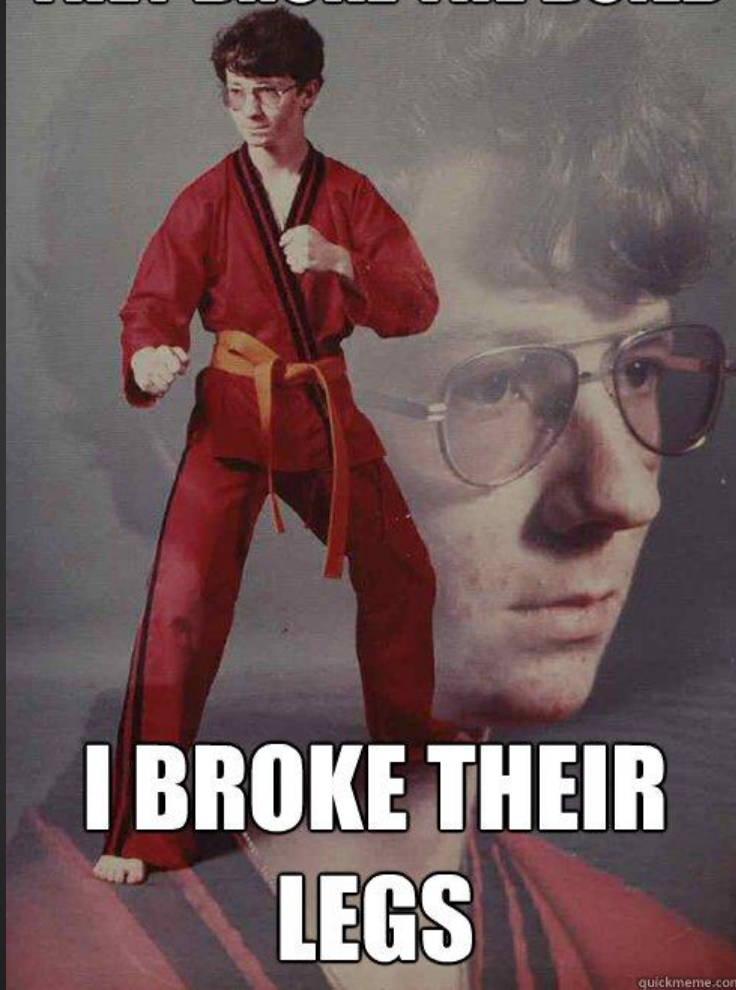
DO YOU...

...work on OSS?

...build/package software?



THEY BROKE THE BUILD



**I BROKE THEIR
LEGS**

Continuous Integration

“Continuous Integration doesn’t get rid of bugs, but it does make them dramatically easier to find and remove.”

Martin Fowler

CI DEFINED

“Continuous Integration (CI) is a development practice that requires developers to integrate code into a shared repository several times a day. Each check-in is then verified by an automated build, allowing teams to detect problems early.”

ThoughtWorks

IMPLEMENTING CI

Unit Tests

Code Style

Artifacts

Reporting

CI SOFTWARE

Jenkins

Bamboo

TeamCity

crontab

TRAVIS CI

Travis CI is a hosted continuous integration service.

LANGUAGES

Android, C/C++, Clojure, Erlang, Go,
Groovy, Haskell, Java, JavaScript (w/
Node.js), Objective-C, Perl, **PHP**, Python,
Ruby, Rust, Scala

SERVICES

MySQL, PostgreSQL, MongoDB,
CouchDB, Redis, Riak, RabbitMQ,
Memcached, Cassandra, Neo4J,
ElasticSearch, Kestrel, SQLite3

NOTIFICATION

Email, IRC, Campfire, Flowdock,
HipChat, Sqwiggle, Slack, Webhook



GET STARTED

Sign in to <http://travis-ci.org>

Activate GitHub Webhook

Add `.travis.yml` file to your repository

BUILD ENVIRONMENT

Ubuntu 12.04 LTS Server Edition 64 bit
3GB memory
IPv6

BUILD CONFIGURATION

before_install

install

before_script

script

after_success / after_failure

after_script

BUILD ENVIRONMENT

PHP 5.2+, HHVM

Composer

PHPUnit

Node Packaged Modules (npm)

DEMO



BUILD STUFF

<http://travis-ci.org>

<http://docs.travis-ci.com/user/languages/php/>

<http://guillermoandraefisher.com>

<http://hrphp.org>