PHABRICATOR (WHAT'S IT DO?)

LUKA KLADARIC @ ZGPHP MAR 2018.

TV-MA
(LSV)

GV	Graphic Violence
N	Nudity
SC	Strong Sexual Content
AC	Adult Content
AL	Adult Language

CC | DOLBY
WHERE AVAILABLE

WHO?

Luka Kladaric

formerly:
web developer for 10+ years
startup founder and CTO

now:
chaos management expert
architecture, infrastructure & security consultant
remote work evangelist

WHAT IS PHABRICATOR?

> AN OPEN SOURCE GENERAL PURPOSE WEB APPLICATION PLATFORM, WITH SPECIFIC IMPLEMENTED APPLICATIONS FOCUSING ON SOFTWARE DEVELOPMENT AREAS.

MORE SPECIFICALLY:

PHABRICATOR IS A SET OF TOOLS THAT HELP COMPANIES BUILD BETTER SOFTWARE, FASTER.

(PHACILITY.COM)

HISTORY

* 2007. hackathon version by Evan Priestley
* 2010. open sourced
* 2015. Phacility SaaS in open beta

WHO USES IT?

ASANA, CISCO, **DEVIANTART,** DISQUS, DROPBOX, FACEBOOK, FREEBSD, **HITLIST,** HACKERONE, HASKELL .ORG, KDE, KHAN ACADEMY, MEMSQL, METEOR, **NOOM,** NSOFT, PINTEREST, QUORA, TWITTER, UBER, WIKIMEDIA...

PHABRICATOR.COM/W/USAGE/COMPANIES

FEATURES

* Code review (pre-commit)
* Code audit (post-commit)
* Supports git, svn, hg (hosting or observing)
* Task management
* Wiki
* Projects, Workboards and Sprints (Trello)
* Chat ("Like Slack, but nowhere near as good.")
* Herald: Business rules

SOFTWARE COMPONENTS

* phabricator (php, web and workers)
* libphutil (php, utils lib)
* arcanist / arc (php, user side CLI client)
* aphlict (nodejs, realtime notifications server)

DEMO

Git flow, review, audit…

HOW TO RUN PHABRICATOR?

* SaaS (Phacility)

* Self-hosted

SAAS VS SELF-HOST

SAAS IS

* paid $$$
* always at myinstance.phacility.com
* no prototype apps
* no custom plugins/extensions
* no open registration - everyone has to be explicitly invited
* no LDAP or custom auth
* no automated data export
* no 3rd party integrations (Asana, Jira)
* no log access
* no Git LFS
* some configs are not adjustable

BUT IT INCLUDES

* automatic software updates
* unlimited (within reason) hosting for your git repos and files
* automated backups of your instance data and repositories
* high availability
    * running your own Phabricator in HA is not trivial

INSTALLING PHABRICATOR

```
docker-compose up
```

DEMO

Other apps and functionalities

QUESTIONS?

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THANK YOU!

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