


# Wikimedia Cloud Services

Infrastructure & Platform as a Service for Wikimedia's free knowledge



**WIKIMEDIA**  
FOUNDATION

A landscape photograph showing a blue sky with scattered white clouds. In the foreground, there are green hills and a rocky outcrop on the right side. The text is overlaid on the left side of the image.

Making a technical  
contribution to the movement  
should be as easy as editing  
an article

24.67%

Percentage of total edits made to Wikimedia wikis originating from 'bots' and services hosted by Wikimedia Cloud Services, September-November 2016

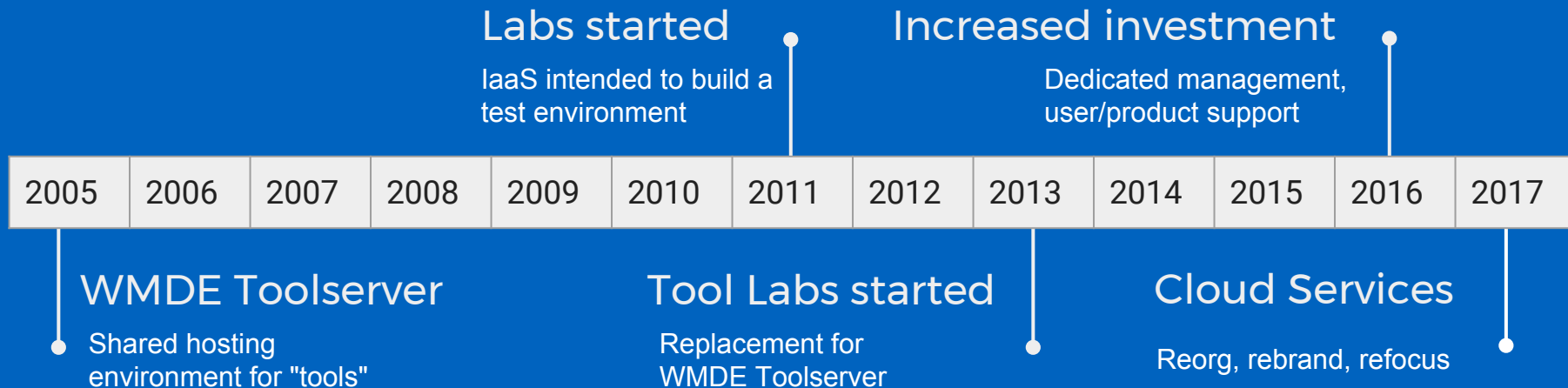
# 3.8 Billion

Number of API requests made to Wikimedia wikis originating from 'bots' and services hosted by Wikimedia Cloud Services, September-November 2016

# What is Wikimedia Cloud Services?

- A stable and efficient hosting platform
- Services that empower the creation, operation, and maintenance of tools
- Technical and community support for users of the products

# Timeline



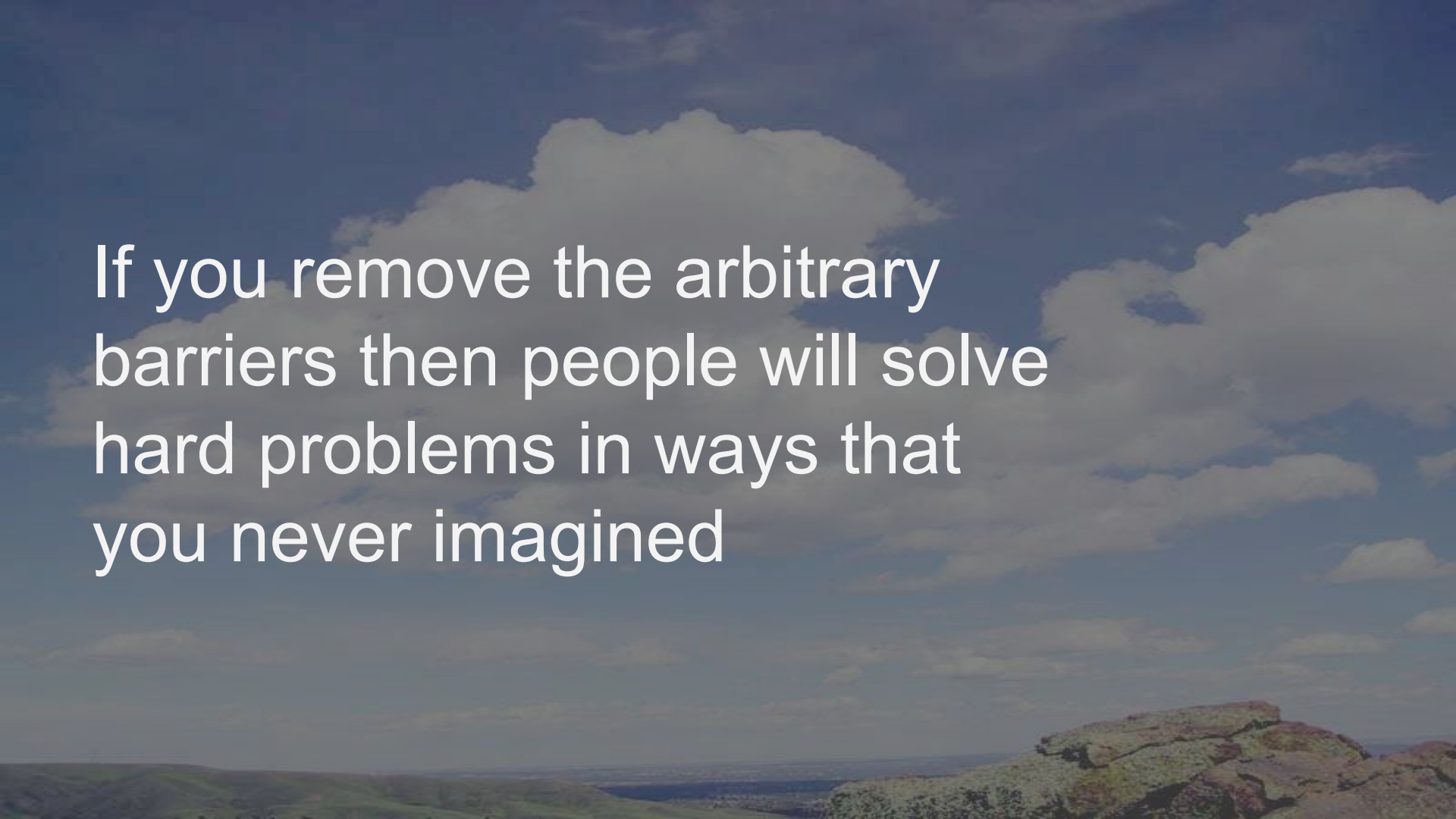
# Cloud Services team



# Products we support

- OpenStack public cloud hosting
- Grid Engine batch-queuing system
- Kubernetes cluster
- '[Quarry](#)' SQL query interface
- '[PAWS](#)' JupyterHub service with custom integrations for accessing wikis and db replicas
- Real-time replicas of Wikimedia production databases
- Shared access database hosting for member managed projects
- Database dump files
- Multiple curated datasets related to Wikimedia movement



A landscape photograph showing a blue sky with scattered white clouds. In the foreground, there are green hills and a rocky outcrop on the right side. The text is overlaid on the sky area.

If you remove the arbitrary  
barriers then people will solve  
hard problems in ways that  
you never imagined

# What do our communities build?

## 210 OpenStack projects

- [Beta cluster](#) environment for pre-production integration testing
- Worker pool for Wikimedia's Jenkins CI service
- Foundation team projects for skunkworks development, UI/UX testing, acceptance testing
- Relevancy training for CirrusSearch
- 'Production' services for WikiEd, Video2Commons, Kiwix offline reader content generation, and [many other](#) predominantly volunteer efforts.

## 1703 tool accounts

- Spam / vandalism detection and reversion
- Copyright policy violation detection and reporting
- Common template formatting mistakes correction
- Automated research for the edit history of contributors involved in on-wiki disputes
- Assistance for technical editing tasks such as journal citations
- Data import from third-party sources such as YouTube, Flickr, and GLAMs



# Getting involved

- Join our mailing lists:
  - [labs-l](#)
  - [labs-announce](#)
- Visit [#wikimedia-labs](#) on freenode
- Read/edit our [wikitech](#) wiki
- Create/comment on tasks in [Phabricator](#)
- Create a [developer account](#)
- Join the [Tool Labs](#) project
- Submit patches to our projects:
  - [Gerrit](#)
  - [Diffusion](#)
  - [GitHub](#)

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