

# Wikimedia Cloud Services

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



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# What is Wikimedia Cloud Services?

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

**24.67%**

Percentage of total edits made to Wikimedia wikis by Wikimedia Cloud Services hosted bots and tools.  
September-November 2016

**3.8 Billion**

Number of API requests made to Wikimedia wikis by Wikimedia Cloud Services hosted bots and tools.  
September-November 2016



**213 Projects**  
**715 Instances**

2017-07-17

**1,413 Tools**  
**1,759 Maintainers**

2017-07-17

**You've probably  
already used  
Cloud Services...**



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Welcome to Monumental, the tool that allows you to explore built heritage and learn more about monuments.

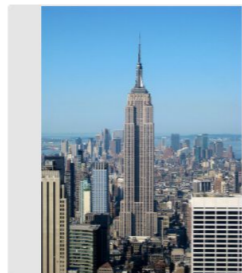
Enter the name of a monument in the search box above (for example, 'Empire State Building') to learn more or explore heritage by entering a geographic region (for example, 'Berlin'). You can also click an example monument or city below.

The tool displays information and multimedia about cultural heritage monuments gathered through [Wikidata](#), [Wikipedia](#) and [Wikimedia Commons](#). It is created as a part of the [Connected Open Heritage](#) project by [Wikimedia Sweden](#) and [Wiki Loves Monuments](#) initiative.

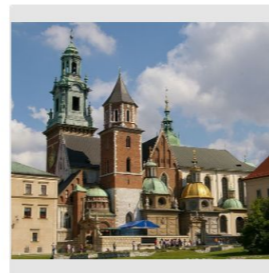
### Monuments nearby

Error getting monuments nearby

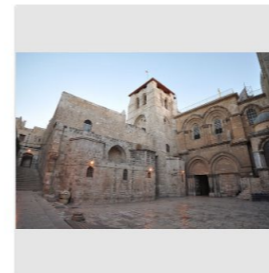
### Example monuments



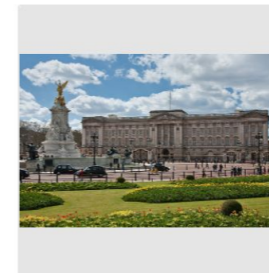
Empire State  
Building



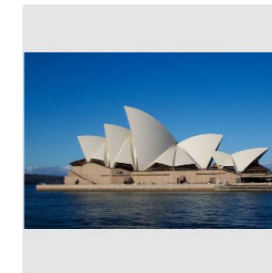
Katedra Wawelska



Church of the Holy  
Sepulchre



Buckingham  
Palace



Sydney Opera  
House

# Monumental

<https://tools.wmflabs.org/monumental>

## Export tool of Wikisource books in many file formats.

### Export a file

Language code

Language code of Wikisource domain, like en or fr

Title of the page

Name of the mainpage of the book in Wikisource

File format

Include fonts

Options

Do not include images

Export

Wsexport is a tool under [GNU GPLv2+ licence](#).

The source code is available [here](#) and a small documentation [here](#).

Some [statistics](#) are also provided.

Please report issues [here](#).

# WikiSource Export

<http://tools.wmflabs.org/wsexport/tool/book.php>

Find Programs Training Documentation Report a problem en Log in

# Programs & Events Dashboard

[Log in with Wikipedia](#) [Sign up with Wikipedia](#) [?](#)

## Miscellanea

493	12236 <sup>i</sup>	44.7M	1.1B	195K	45.4K	71.1K <sup>i</sup>
Programs	Editors	Words Added	Article Views	Articles Edited	Articles Created	Commons Uploads

[Explore](#)

# Outreach Dashboard

<https://outreachdashboard.wmflabs.org/>



# Kiwix - Wikipedia Offline

<http://kiwix.org>

[https://meta.wikimedia.org/wiki/Kiwix\\_-\\_Wikipedia\\_Offline](https://meta.wikimedia.org/wiki/Kiwix_-_Wikipedia_Offline)



# Historical article quality of WikiProject Environment in English Wik

Fork

☆ Star

This query is marked as a draft by [Meggo965](#).

## SQL

```
SELECT
  timestamp,
  SUM(weighted_sum) AS weighted_sum,
  SUM(prediction = "Stub") AS stub_n,
  SUM(prediction = "Start") AS start_n,
  SUM(prediction = "C") AS c_n,
  SUM(prediction = "B") AS b_n,
  SUM(prediction = "GA") AS ga_n,
  SUM(prediction = "FA") AS fa_n,
  COUNT(*) as n
FROM templatelinks
INNER JOIN page AS talk ON
  talk.page_id = tl_from AND
  talk.page_namespace = 1
INNER JOIN page AS article ON
  article.page_namespace = 0 AND
  article.page_title = talk.page_title
```

# Quarry

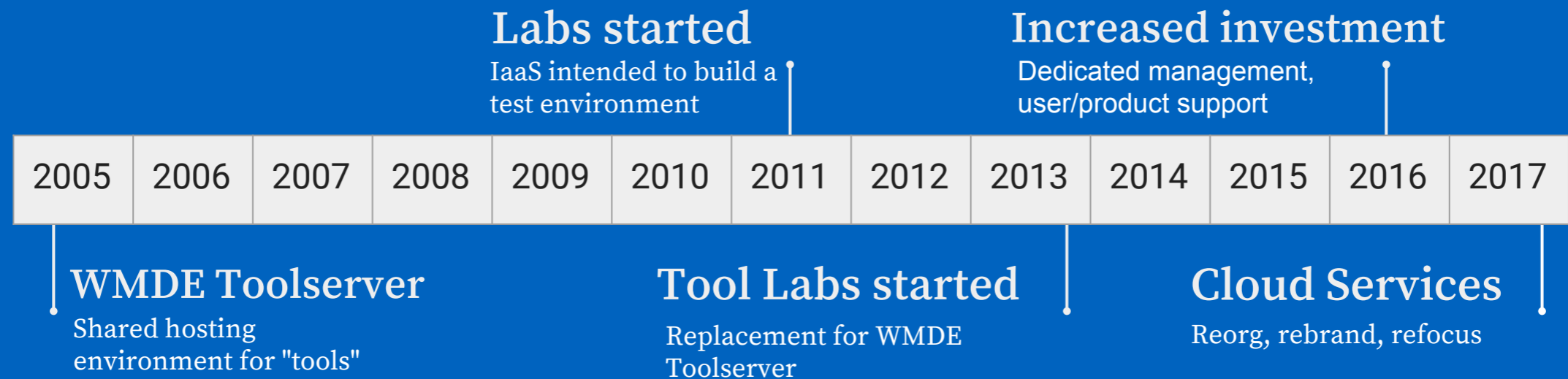
<https://quarry.wmflabs.org>

# History



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# Timeline



## Labs and Tool Labs being renamed

TL;DR: Tool Labs -> Toolforge, Labs -> Cloud VPS

Public

Actions

(reposted with minor edits from <https://lists.wikimedia.org/pipermail/labs-l/2017-July/005036.html>)

### TL;DR

- **Tool Labs** is being renamed to **Toolforge**
- The name for our OpenStack cluster is changing from **Labs** to **Cloud VPS**
- The preferred term for projects such as **Toolforge** and **Beta-Cluster-Infrastructure** running on **Cloud-VPS** is **VPS projects**
- **Data Services** is a new collective name for the databases, dumps, and other curated data sets managed by the **cloud-services-team**
- **wiki replicas** is the new name for the private-information-redacted copies of Wikimedia's production wiki databases
- No domain name changes are scheduled at this time, but we control **wikimediacloud.org**, **wmcloud.org**, and **toolforge.org**
- The Cloud Services logo will still be the unicorn rampant on a green field surrounded by the red & blue bars of the Wikimedia Community logo
- Toolforge and Cloud VPS will have distinct images to represent them on wikitech and in other web contexts

In February when the [formation of the Cloud Services team was announced](#) there was a foreshadowing of more branding changes to come:

*This new team will soon begin working on rebranding efforts intended to reduce confusion about the products they maintain. This refocus and re-branding will take time to execute, but the team is looking forward to the challenge.*

# Rebranding

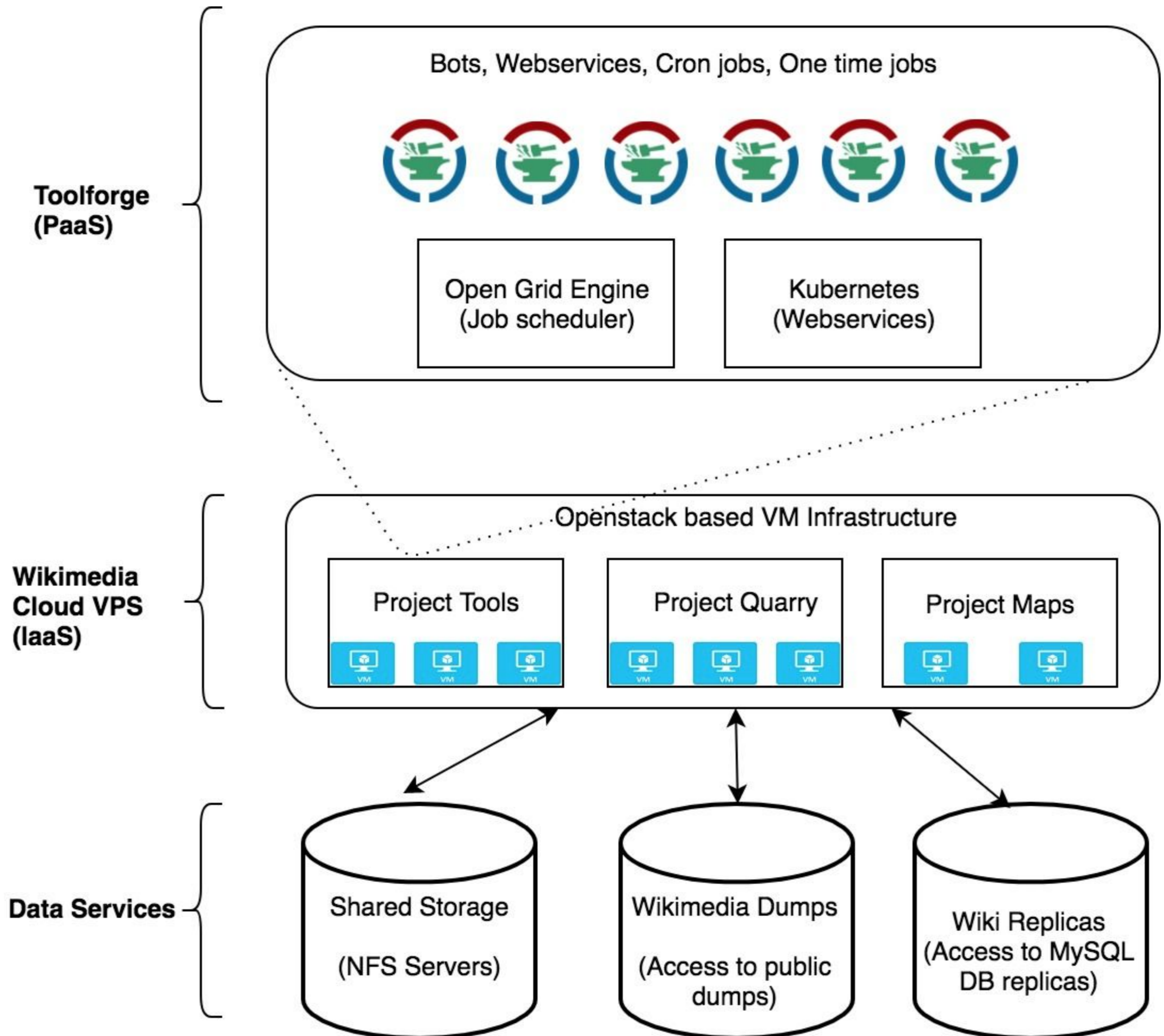
Consultation: [https://wikitech.wikimedia.org/wiki/User:BryanDavis/Rebranding\\_Cloud\\_Services\\_products](https://wikitech.wikimedia.org/wiki/User:BryanDavis/Rebranding_Cloud_Services_products)

Announcement: [https://phabricator.wikimedia.org/phame/post/view/59/labs\\_and\\_tool\\_labs\\_being\\_renamed/](https://phabricator.wikimedia.org/phame/post/view/59/labs_and_tool_labs_being_renamed/)

# Architecture Overview



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# The future

- Multiple zones for Cloud VPS
- Improved Dumps hosting
- Modern and robust networking
- More Kubernetes adoption
- Consolidation of platforms
- More community involvement with maintaining the ecosystem
- Better workflows for account creation
- Better documentation for new users
- PAWS performance and user improvements
- Hiring Tech Support Contractor
- And much, much more...



# Wiki Replicas Upgrade

New servers are live and in beta

Service URLs:

- Quick web request queries: `labsdb-web.eqiad.wmnet`
- Slow Long running queries: `labsdb-analytics.eqiad.wmnet`



# Contribute & Participate

## Documentation

[https://wikitech.wikimedia.org/wiki/Main\\_Page](https://wikitech.wikimedia.org/wiki/Main_Page)

## Mailing Lists

Announcements: [labs-announce@lists.wikimedia.org](mailto:labs-announce@lists.wikimedia.org)

Discussion: [labs-l@lists.wikimedia.org](mailto:labs-l@lists.wikimedia.org)

## IRC

#wikimedia-cloud on freenode

## Newsfeed

<https://phabricator.wikimedia.org/phame/blog/view/5/>

## Bugs & Feature Requests

<https://phabricator.wikimedia.org/project/view/832/>

# Credits

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