Introduction to Phabricator

Slides by Birgit Müller (WMDE) and Andre Klapper (WMF)
Phabricator

- Project management tool, primarily for software projects
- Management of "tasks"
- Easier collaboration / working together

https://phabricator.wikimedia.org/
Who uses Phabricator?

- Notifications / Echo (Extension)
- Vector (Skin)
- Page Views (Tool on Toolforge)
- Provelt (Gadget on Commons)
- SRE / Technical Operations (e.g. hardware)
- Your project?
- Wikimedia Developer Summit (Organisation, Sessions)
- Wikimedia Sverige (for any of their projects)
- Wikimedia Deutschland’s Technical Wishes Team
- Your project?
Who uses Phabricator?

- Technically interested people, authors …
- Developers
- Product managers
- Testers
- Deployers
- People doing communication
- Designers
- Translators
- Documentation writers
- Triagers
- Analysts
- Organizers of events
- …
Tasks, Metadata fields, Projects

- Tasks (e.g. individual tasks, software bug reports, feature requests) with a description and further comments
- Associated projects (tags)
- Further metadata (Status, Priority, Assignee, Author, Subscribers, etc.)
Projects and teams

- If you want to develop something yourself, you need a project.
- Tasks get associated to projects.
- Projects can have members.
Projects and their workboards

- A project can have a workboard which simplifies planning.
- Workboards have columns. Tasks associated to the project are shown as cards in the columns.
- Drag and drop of cards is supported.
Setting priorities of tasks

- Priority values: needs triage, lowest, low, normal, high, unbreak now!
- Priorities express the urgency of a task.
- Maintainers, developers, product managers set the priorities.
- [https://www.mediawiki.org/wiki/Phabricator/Project_management#Setting_task_priorities](https://www.mediawiki.org/wiki/Phabricator/Project_management#Setting_task_priorities)
Questions so far?
Practical part
Account registration

https://www.mediawiki.org/wiki/Phabricator/Help#Creating_your_account
Account registration

https://www.mediawiki.org/wiki/Phabricator/Help#Creating_your_account
User profile

Malyacko (Malyacko (AKlapper PERSONAL))

User Details

User Since: Nov 20, 2014, 2:56 PM (145 w, 3 d)
Availability: Available
MediaWiki User: Malyacko

Personal account of Andre Klapper (WMF).
For my alter ego working at the Wikimedia Foundation, see @Aklapper.

Recent Activity

Sun, Aug 20

Malyacko added a comment to T173618: MultimediaViewer uses an old version of jQuery.scrollTop which is broken for Chrome 61.


Sun, Aug 20, 4:03 AM - MediaWiki-extensions-MultimediaViewer, Multimedia, JavaScript
Filing a task
+ Create Task (Simple)

Well-written tasks with enough information get fixed faster: How to write a good bug report.

Title: "f1" prefix in Hovercards text for specific page on de.wp

Assigned To: Type a username...

Description:
Steps to reproduce:
3. Hover over "Waalbrücke bei Nimwegen, gebaut 1931/1936" link currently linking to https://de.wikipedia.org/w/index.php?title=Waalbr%C3%BCcke_bei_Nimwegen&oldid=155342759

Expected result: 'Clean' Text extract.

Actual result: "f1" prefix for unknown reasons; (F4172031)

Tags: TextExtracts

Subscribers: Type a user, project, package, or mailing list name...

Create New Task
Steps to reproduce:

3. Hover over "Waalbrücke bei Nimwegen, gebaut 1931/1936" link currently linking to https://de.wikipedia.org/w/index.php?title=Waalbr%C3%BCcke_bei_Nimwegen&oldid=155342759

Expected result: 'Clean' Text extract.

Actual result: "$f1" prefix for unknown reasons:
Creating a software bug report or a feature request

- https://www.mediawiki.org/wiki/How_to_report_a_bug
Requesting/creating your own project

- [https://www.mediawiki.org/wiki/Phabricator/Creating_and_renaming_projects](https://www.mediawiki.org/wiki/Phabricator/Creating_and_renaming_projects)
- Special permission required to create projects yourself.
- Create a task to request a project. Someone will create it for you.
Create Project

Name: MyProject
Description: A MediaWiki extension that provides a kitchen sink (that does not leak) via a Special page.
Icon: Project
Color: Blue
Additional Hashtags:
Initial Members: AndreTest01 (AndreTest01)
Visible To: Public (No Login Required)
Editable By: All Users
Joinable By: All Users

Create New Project

(only if the user has permissions to create a project)
Creating the workboard of the project

- **Columns**
  - New Empty Board: Create a new board with just a backlog column.
  - Import Columns: Import board columns from another project.

- **Make Default**: Make the workboard the default view for this project.
Configuring the workboard of the project
Sorting or filtering the content of a workboard
Following activity in tasks or projects interesting you

- Receiving notifications about activity / changes: Via email or in the upper left corner of Phabricator (bell symbol)
- Preferences: https://phabricator.wikimedia.org/settings/ → Email Preferences
- Individual tasks: “Subscribe”
- Projects (and all their associated tasks): “Watch”
Following activity in individual tasks
Following activity in projects

MyProject  Component

**Details**
A MediaWiki extension that provides a kitchen sink on a special page (Homepage)

**Recent Activity**
- Today
  - Aklapper added a comment to T123456: Implement water supply.
    - Wondering what's left to do here?
  - Mon, Sep 4, 10:25 AM - MyProject, OtherProject
Following activity in projects

A MediaWiki extension that provides a kitchen sink on a special page [Homepage]

**Recent Activity**

- Malyacko added a watcher for MyProject: Malyacko.
  - Mon, Sep 4, 12:23 PM
- Aklapper added a comment to T123456: Implement water supply.
More / advanced functionality (not covered here)

- "Spaces" for non-public projects (e.g. security issues)
- Personalize your Phabricator front page (dashboards)
- Advanced search; Saving / sharing custom your searches
- "Flags" (personal bookmarks for tasks, similar to a watchlist)
- Hierarchy between tasks (parent tasks and subtasks)
- Conpherence chatrooms
- Agile development (if you know terms like "Scrum" or "Burndown charts")
- etc.
Help and further information

- [https://www.mediawiki.org/wiki/Phabricator/Help](https://www.mediawiki.org/wiki/Phabricator/Help)
- [https://www.mediawiki.org/wiki/Phabricator/Project_management](https://www.mediawiki.org/wiki/Phabricator/Project_management)
- [https://www.mediawiki.org/wiki/Phabricator/Creating_and_renaming_projects](https://www.mediawiki.org/wiki/Phabricator/Creating_and_renaming_projects)
- [https://www.mediawiki.org/wiki/How_to_report_a_bug](https://www.mediawiki.org/wiki/How_to_report_a_bug)
Credits

- https://commons.wikimedia.org/wiki/File:Phacility_phabricator_logo.svg
- https://phabricator.wikimedia.org/
- https://www.mediawiki.org/