Introduction to Phabricator

Slides by Birgit Müller and Andre Klapper
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)
- Page Views (Tool on Toolforge)
- SRE / Technical Operations (e.g. hardware)
- Wikimedia Deutschland’s Technical Wishes Team
- ProveIt (Gadget on Commons)
- Wikimedia Hackathon (Organisation, Sessions)
- Your project?
- Vector (Skin)
- Wikimedia Sverige (for any of their projects)
- Edit-a-thon organizers, to request removing the user account creation limit [1]
- Wikimedia communities, to request site configuration changes [2]

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[1] https://meta.wikimedia.org/wiki/Mass_account_creation
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
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...
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.
- It is also possible to create forms (some fields pre-filled). See [https://www.mediawiki.org/wiki/Phabricator/Help/Forms](https://www.mediawiki.org/wiki/Phabricator/Help/Forms)
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

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

Projects > MyProject > Workboard

Create Workboard

The workboard for this project has not been created yet.

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.

[Cancel] [Create Workboard]
Configuring the workboard of the project
Sorting the tasks on a workboard
Filtering the tasks on 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/](https://phabricator.wikimedia.org/settings/) → Email Preferences
- Individual tasks: “Subscribe”
- Projects (and all their associated tasks): “Watch”
Following activity in individual tasks

Edit Task
Edit Related Tasks...
Edit Related Objects...
Protect as security issue
Subscribe
Award Token
Flag For Later

Tags
WikiCon-Vorträge (September)

Subscribers
Heinz, Birgit

Edit Task
Edit Related Tasks...
Edit Related Objects...
Protect as security issue
Unsubscribe
Award Token
Flag For Later

Tags
WikiCon-Vorträge (September)

Subscribers
Malyacko, Heinz, Birgit
Following activity in projects
Following activity in projects

MyProject

Details

DESCRIPTION

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

Members (1)

- Josephine
  - User

Watchers (2)

- Malyacko
  - User
- Richard
  - Designer

Recent Activity

- Today
  - Malyacko added a watcher for MyProject
  - Malyacko.
  - Mon, Sep 4, 12:23 PM
- Today
  - 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)
- 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/