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
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
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.

- Mon, Aug 21, 4:03 AM - MediaWiki-extensions-MultimediaViewer, Multimedia, JavaScript

- Jun 16, 2017
Filing a task
Well-written tasks with enough information get fixed faster: How to write a good bug report.

<table>
<thead>
<tr>
<th>Title</th>
<th>&quot;f1&quot; prefix in Hovercards text for specific page on de.wp</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assigned To</td>
<td>Type a username...</td>
</tr>
</tbody>
</table>

**Description**

Steps to reproduce:

Expected result: 'Clean' Text extract.

Actual result: "f1" prefix for unknown reasons:
{F4172031}
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](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.
- **Color**: Blue
- **Visible To**: Public (No Login Required)
- **Editable By**: All Users
- **Joinable By**: All Users

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

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.
Configuring the workboard of the project
Sorting or filtering the content of a workboard

- T144736 Document printing (paper, shirt, stickers) constraints
- Design

- T141244 It is hard to infer that the search autosuggest item »containing« links to special:search
- Discovery
- Design

- T140340 Mockup for moved chunks that contain changes
- TCB-Team
- Design

- T142372 Strategies to solve wish #7 - page protection switches
- TCB-Team
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
Following activity in projects

Phabricator

MyProject

DESCRIPTION
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

MyProject

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

Recent Activity
Malyacko added a member 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)
- Conference 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/Project_management
- https://www.mediawiki.org/wiki/Phabricator/Creatings_and_r_enaming_projects
- 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/