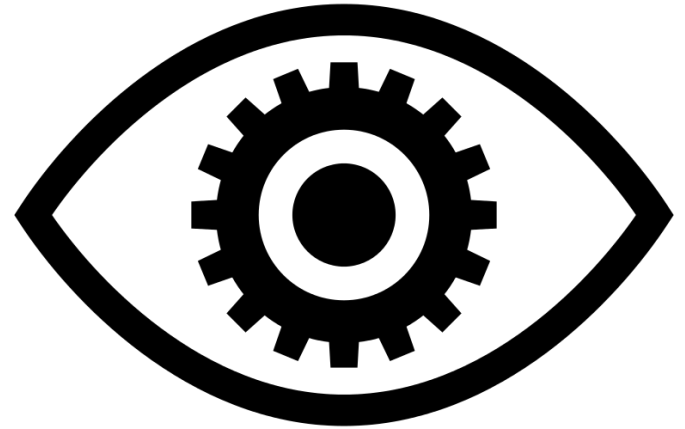


# Introduction to Phabricator

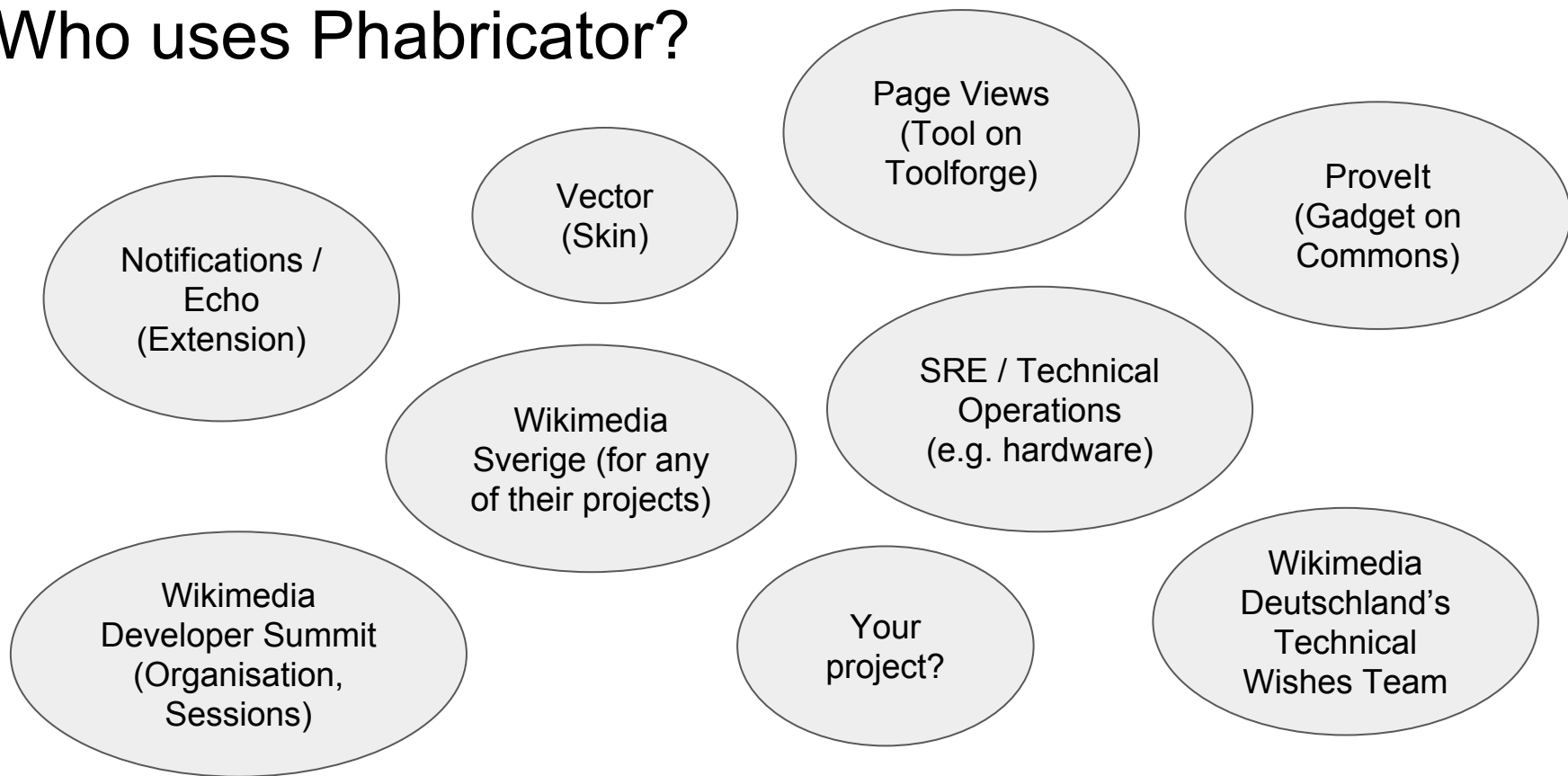
Slides by Birgit Müller (WMDE) and Andre Klapper (WMF)

# Phabricator

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



# Who uses Phabricator?



# 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.)

## ! Make diff bars distinguishable

Open, Normal


Public

### Tags

 Revision-Slider (Backlog)

 Design (Incoming)

 TCB-Team (Revision Slider)

 German-Community-Wishlist (Incoming)

 WMDE-Design (Incoming)

### Subscribers

[WMDE-leszek](#), [Lea\\_WMDE](#), [Aklapper](#)

### Assigned To



[Jan\\_Dittrich](#)

### Authored By



[Lea\\_WMDE](#), Mon, Aug 15

# Projects and teams

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






**WMDE-Design**  Group

✓ Active

Public

## DESCRIPTION

Project of the design team from WMDE. Similar to  WMF-Design . Mostly working on design-related tasks for  Wikidata and  TCB-Team .

Members (13)

 View All



**Lea\_WMDE (Lea Voget)**

 Product Manager




**gabriel-wmde (Gabriel Birke)**

 User



**Abraham (Abraham Taherivand)**

 Head of Software Development  
WMDE

# 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.

The screenshot displays a project workboard interface with a blue header and three columns. The header shows the breadcrumb path: **Projects > WMDE-Design > Workboard**.

- Incoming (Default)**: Contains two task cards. The first card is titled "T137103 UI elements appear in the printing view" and has "Design" and "Wikidata" tags. The second card is titled "T139592 [Bug] Editing view has formatting issues in german language" and also has "Design" and "Wikidata" tags. A count of "13 | 0" is shown in the top right of this column.
- Ready to go**: Contains two task cards. The first card is titled "T134560 Incident poster" and has a profile picture of a woman. The second card is titled "T135844 Create Form for signing up up to the participants-who-want-to-usability-test" and has a "Design" tag and a profile picture of a man. A count of "4 | 0" is shown in the top right of this column.
- Doing**: This column is currently empty, indicated by a dashed rectangular box. A count of "0 | 0" is shown in the top right of this column.

# Setting priorities of tasks

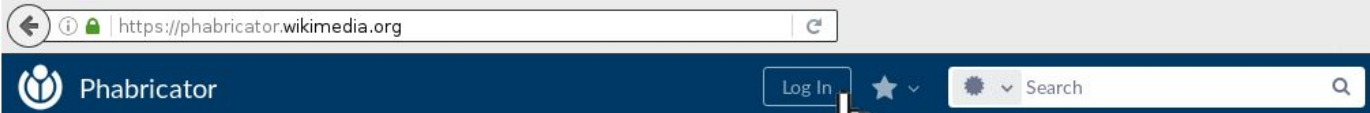
- Priority values: needs triage, lowest, low, normal, high, unbreak now!
- Priorities express the urgency of a task.
- Maintainers, developers, product managers set the priorities.
- [https://www.mediawiki.org/wiki/Phabricator/Project\\_management#Setting\\_task\\_priorities](https://www.mediawiki.org/wiki/Phabricator/Project_management#Setting_task_priorities)




Questions so far?

Practical part

# Account registration

- 

1. <https://phabricator.wikimedia.org>


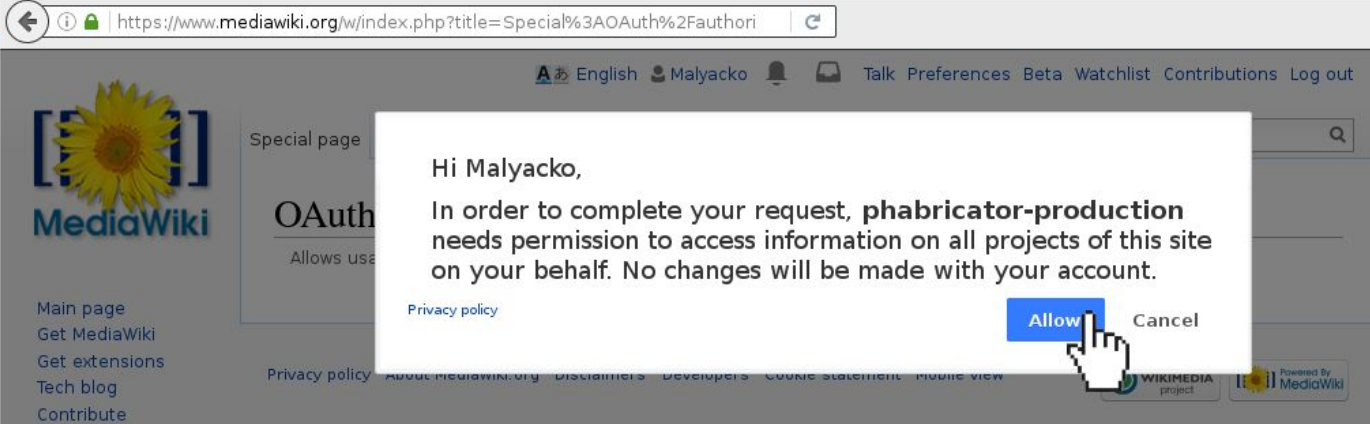
Phabricator Log In ★ ⚙ Search
- 

2. <https://phabricator.wikimedia.org/auth/start/?next=%2F>

Phabricator ★ ⚙ Search

Auth > Login

### Log in or register to Wikimedia Phabricator

 Login or Register  
MediaWiki
- 

3. <https://www.mediawiki.org/w/index.php?title=Special%3AOAuth%2Fauthori>

English Malyacko Talk Preferences Beta Watchlist Contributions Log out

Special page

## OAuth

Allows use

MediaWiki

Main page  
Get MediaWiki  
Get extensions  
Tech blog  
Contribute

Privacy policy

Privacy policy · About MediaWiki.org · Disclaimers · Developers · Cookie statement · Mobile view

WIKIMEDIA project

Powered By MediaWiki

Hi Malyacko,

In order to complete your request, **phabricator-production** needs permission to access information on all projects of this site on your behalf. No changes will be made with your account.

[Privacy policy](#)

Allow Cancel

[https://www.mediawiki.org/wiki/Phabricator/Help#Creating\\_your\\_account](https://www.mediawiki.org/wiki/Phabricator/Help#Creating_your_account)

# Account registration


4. <https://phabricator.wikimedia.org/auth/register/12345678901234567890>

Phabricator

Auth > Register > MediaWiki

## Phabricator Registration

External Account

 **"mediawiki" User**  
MediaWiki Account - 123456789  
<https://www.mediawiki.org/w/index.php?title=User:Malyacko>

Phabricator Username

Also Known As

Email  Required

5. <https://phabricator.wikimedia.org>

Phabricator

24

Search

[https://www.mediawiki.org/wiki/Phabricator/Help#Creating\\_your\\_account](https://www.mediawiki.org/wiki/Phabricator/Help#Creating_your_account)

# User profile

https://phabricator.wikimedia.org/p/Malyacko/

Phabricator

People > Malyacko

## Malyacko (Malyacko (AKlapper PERSONAL))

User

### 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](#).

(Originally mentioned in [https://en.wikipedia.org/w/index.php?title=Wikipedia:Village\\_pump\\_\(technical\)&oldid=796369433](https://en.wikipedia.org/w/index.php?title=Wikipedia:Village_pump_(technical)&oldid=796369433))

Sun, Aug 20, 4:03 AM · MediaWiki-extensions-MultimediaViewer, Multimedia, JavaScript

Sun 16 2017

### Projects

 **Developer-Relations**  
Group

### Calendar

Today

Clear sailing ahead.

Tomorrow

Clear sailing ahead.

Wednesday

Clear sailing ahead.

- Profile
- Badges
- Tasks
- Revisions
- Commits
- Manage

# Filing a task

- Report Security Issues
- Create Task
- Browse Source Code
- Browse Events

---

- Edit Favorites



## + Create Task (Simple)

Task

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

Required

Assigned To Type a username...

Description

**B** *I* T  |         

Steps to reproduce:

1. Enable [Hovercards](https://de.wikipedia.org/wiki/Spezial:Einstellungen#mw-prefsection-betafeatures) on <https://de.wikipedia.org/wiki/Spezial:Einstellungen#mw-prefsection-betafeatures>
2. Go to [https://de.wikipedia.org/w/index.php?title=Waal\\_\(Fluss\)&oldid=153721945#Heutige\\_Flusslandschaft](https://de.wikipedia.org/w/index.php?title=Waal_(Fluss)&oldid=153721945#Heutige_Flusslandschaft)
3. Hover over "[Waalbrücke bei Nimwegen, gebaut 1931/1936](https://de.wikipedia.org/w/index.php?title=Waalbr%C3%BCcke_bei_Nimwegen&oldid=155342759)" link currently linking to [https://de.wikipedia.org/w/index.php?title=Waalbr%C3%BCcke\\_bei\\_Nimwegen&oldid=155342759](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...

Cancel

Create New Task

Cancel

Create New Task

## DESCRIPTION PREVIEW

### Steps to reproduce:

1. Enable Hovercards on <https://de.wikipedia.org/wiki/Spezial:Einstellungen#mw-prefsection-betafeatures>
2. Go to [https://de.wikipedia.org/w/index.php?title=Waal\\_\(Fluss\)&oldid=153721945#Heutige\\_Flusslandschaft](https://de.wikipedia.org/w/index.php?title=Waal_(Fluss)&oldid=153721945#Heutige_Flusslandschaft)
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](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

Configure Form

### Project

Name  Required

Description **B I T**

A MediaWiki extension that provides a kitchen sink (that does not leak) via a Special page.

Icon

Color

Additional Hashtags

Initial Members

Visible To

Editable By

Joinable By




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

# Creating the workboard of the project



 MyProject

 Workboard

 Members

 Subprojects

 Manage



 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**

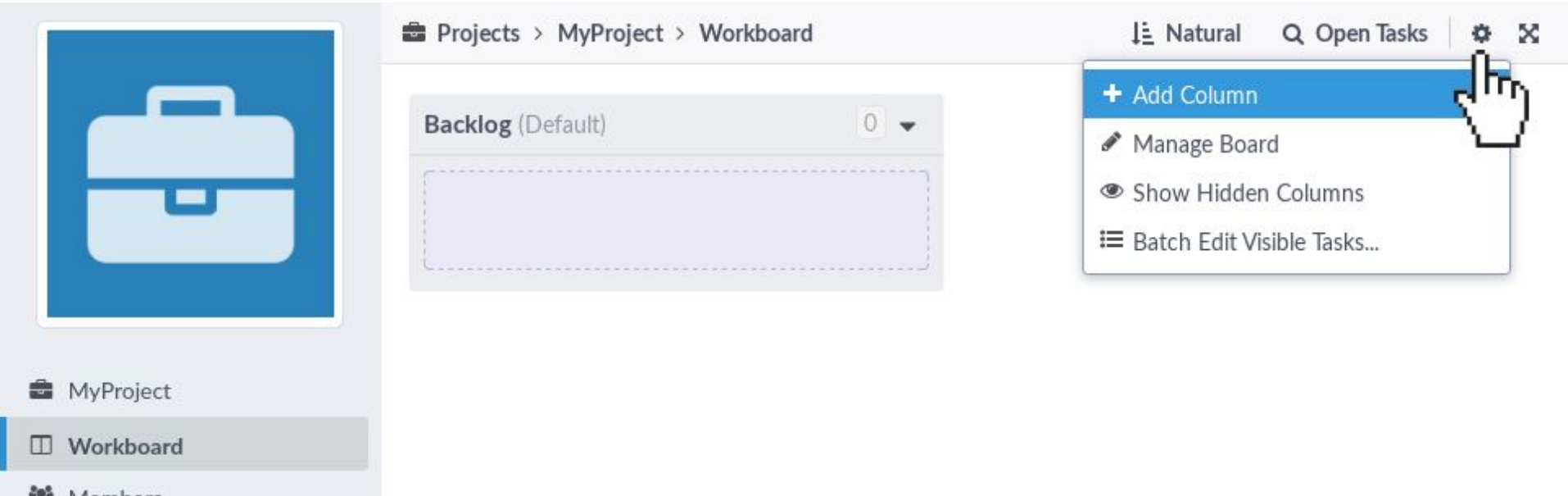
Import board columns from another project.

Make Default  Make the workboard the default view for this project.

Cancel

Create Workboard

# Configuring the workboard of the project



The screenshot displays a software interface for configuring a project workboard. On the left, a sidebar contains a large blue icon of a briefcase and a navigation menu with items: "MyProject", "Workboard" (highlighted), and "Members". The main content area has a breadcrumb path "Projects > MyProject > Workboard". Below this, a "Backlog (Default)" section shows a task count of "0" and a dashed rectangular placeholder. On the right, a settings menu is open, showing options: "Add Column" (highlighted), "Manage Board", "Show Hidden Columns", and "Batch Edit Visible Tasks...". The menu is triggered by a gear icon, and a hand cursor is shown clicking on the "Add Column" option.

Projects > MyProject > Workboard

Backlog (Default) 0

- + Add Column
- Manage Board
- Show Hidden Columns
- Batch Edit Visible Tasks...

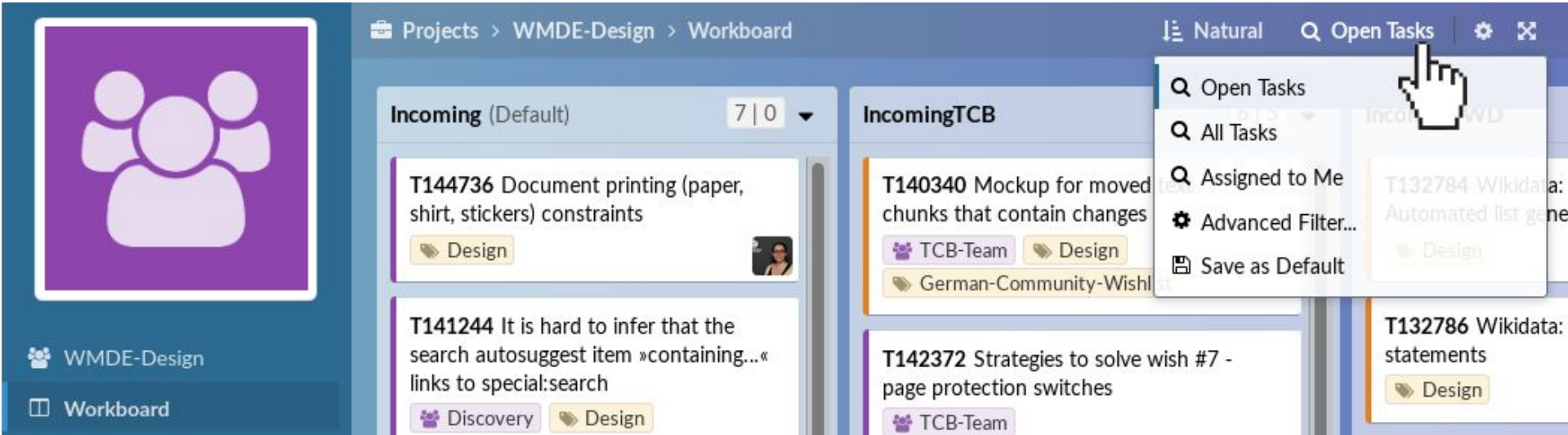
MyProject

Workboard

Members

Natural Open Tasks

# Sorting or filtering the content of a workboard



The screenshot displays a workboard interface for the 'WMDE-Design' project. The breadcrumb navigation at the top reads 'Projects > WMDE-Design > Workboard'. On the left, there is a purple icon representing a group of people and a sidebar with 'WMDE-Design' and 'Workboard' items. The main area is divided into two columns: 'Incoming (Default)' and 'IncomingTCB'. The 'Incoming (Default)' column shows two tasks: T144736 (Document printing constraints) and T141244 (Search autosuggest item). The 'IncomingTCB' column shows two tasks: T140340 (Mockup for moved chunks) and T142372 (Strategies to solve wish #7). A search filter dropdown is open over the 'Open Tasks' button, showing options: 'Open Tasks', 'All Tasks', 'Assigned to Me', 'Advanced Filter...', and 'Save as Default'. A hand cursor is pointing at the 'Open Tasks' option. The 'Open Tasks' button in the top right corner has a search icon and the text 'Open Tasks'.

Projects > WMDE-Design > Workboard

Natural Open Tasks

Open Tasks

All Tasks

Assigned to Me

Advanced Filter...

Save as Default

**Incoming (Default)** 7 | 0

**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

**IncomingTCB**

**T140340** Mockup for moved chunks that contain changes  
TCB-Team Design  
German-Community-Wishl

**T142372** Strategies to solve wish #7 - page protection switches  
TCB-Team

**T132784** Wikidata: Automated list gene  
Design

**T132786** Wikidata: statements  
Design

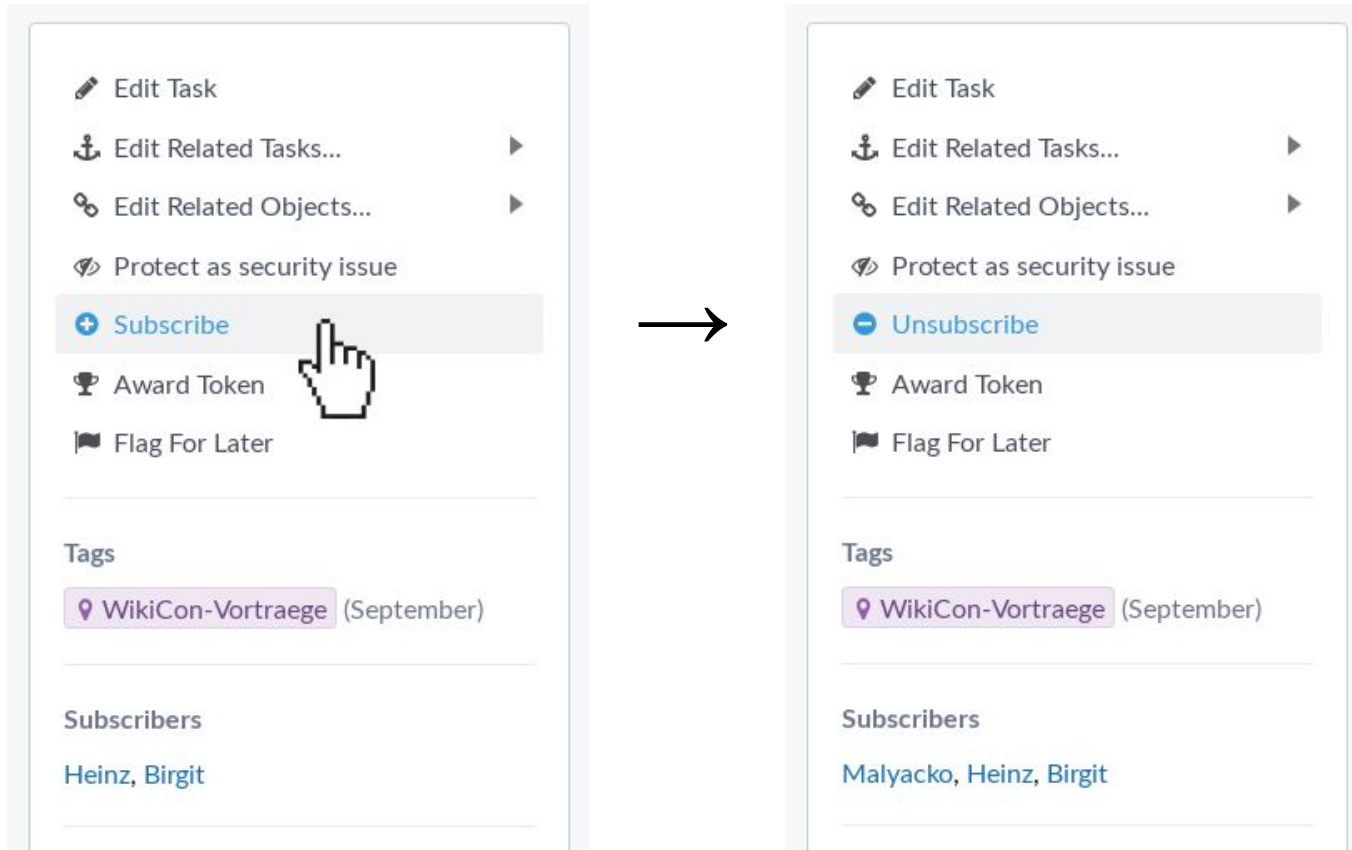
WMDE-Design

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



The image illustrates the process of following activity in individual tasks. It shows two side-by-side panels connected by a right-pointing arrow, representing a state change.

**Left Panel (Initial State):**

- Edit Task
- Edit Related Tasks... ▶
- Edit Related Objects... ▶
- Protect as security issue
- Subscribe** (highlighted with a mouse cursor)
- Award Token
- Flag For Later

**Tags:**

- WikiCon-Vortraege (September)

**Subscribers:**

- Heinz, Birgit

**Right Panel (Final State):**

- Edit Task
- Edit Related Tasks... ▶
- Edit Related Objects... ▶
- Protect as security issue
- Unsubscribe** (highlighted)
- Award Token
- Flag For Later

**Tags:**

- WikiCon-Vortraege (September)

**Subscribers:**

- Malyacko, Heinz, Birgit




# Following activity in projects

The screenshot shows the Phabricator web interface. At the top, the Phabricator logo and name are on the left, followed by a notification bell with '24' and a search bar. Below the navigation bar, the breadcrumb 'Projects > MyProject' is visible. The main content area is titled 'MyProject' with a 'Component' icon. It features two status buttons: 'Active' and 'Public'. A 'Watch Project' button with an eye icon is highlighted by a hand cursor. Below this are three sections: 'Details' with a 'DESCRIPTION' section containing the text 'A MediaWiki extension that provides a kitchen sink on a special page (Homepage)'; 'Members (1)' with a 'View All' button and a list entry for 'Josephine' (User); and 'Watchers (1)' with a 'View All' button and a list entry for 'Richard' (Designer). On the left sidebar, a navigation menu includes 'MyProject', 'Workboard', 'Members', 'Subprojects', and 'Manage'. At the bottom, a 'Recent Activity' section shows a comment by 'Aklapper' on 'T123456: Implement water supply.' with the text 'Wondering what's left to do here?' and a timestamp 'Mon, Sep 4, 10:25 AM · MyProject, OtherProject'.



# Following activity in projects

Phabricator 🔔 24 ⚙️ 🌟 👤

 Projects > MyProject

## MyProject 📁 Component

Active  Public 👁️ Unwatch Project


### Details

DESCRIPTION


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

### Recent Activity ☰ View All


**Today**

 **Malyacko** added a member for **MyProject**: Malyacko.


📅 Mon, Sep 4, 12:23 PM


 **Aklapper** added a comment to **T123456**: [Implement water supply.](#)

### Members (1) ☰ View All

 **Josephine**  
👤 User

### Watchers (2) ☰ View All

 **Malyacko**  
👤 User

 **Richard**  
👤 Designer

- MyProject
- Workboard
- Members
- Subprojects
- Manage

# 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/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://commons.wikimedia.org/wiki/File:Phacility_phabricator_logo.svg)
- <https://phabricator.wikimedia.org/>
- <https://www.mediawiki.org/>