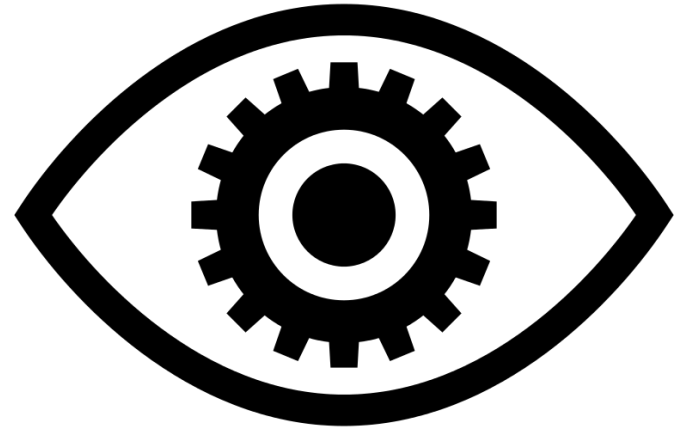


# Introduction to Phabricator

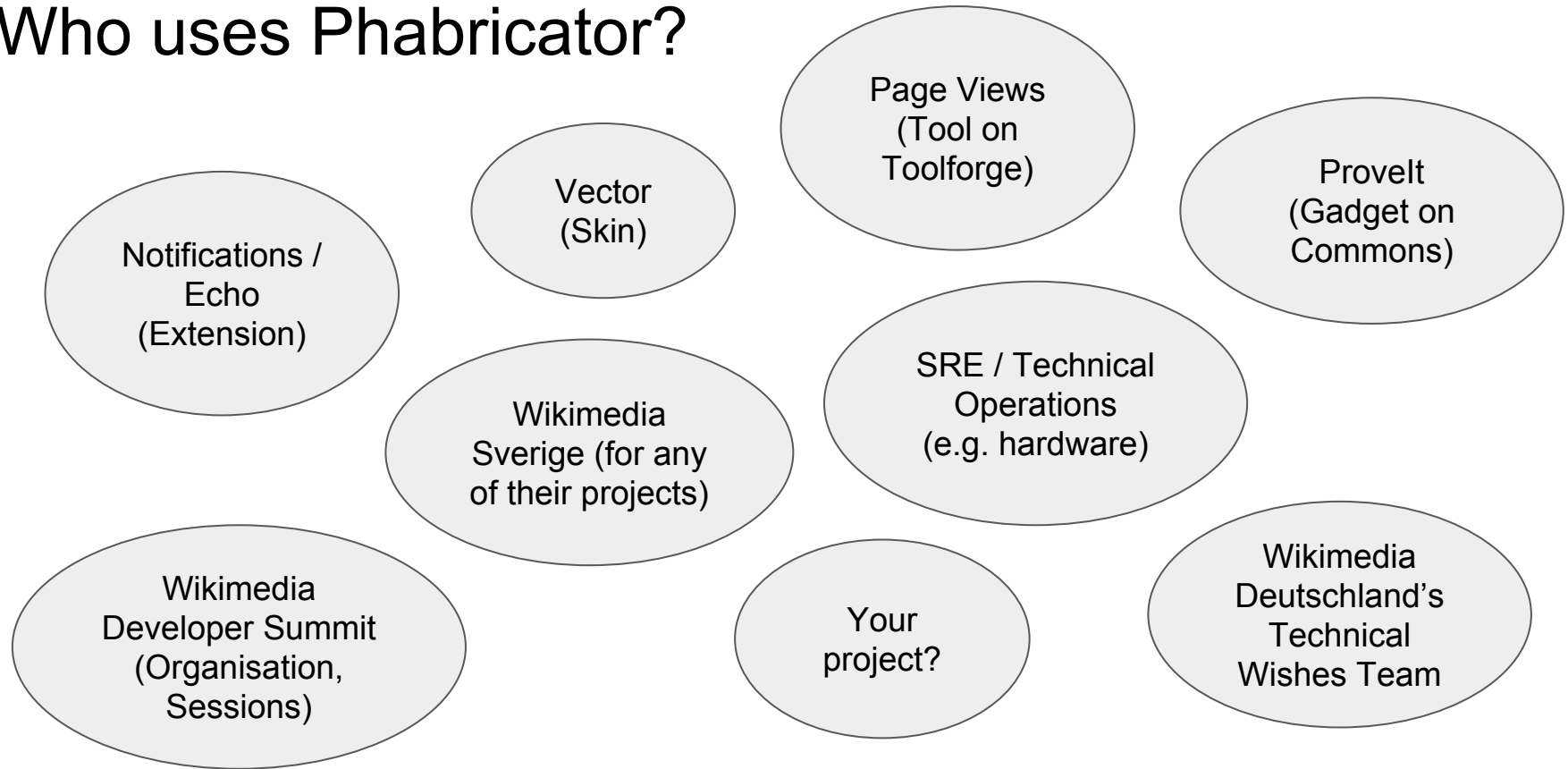
Slides by Birgit Müller (WMDE) and Andre Klapper (WMF)

# 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

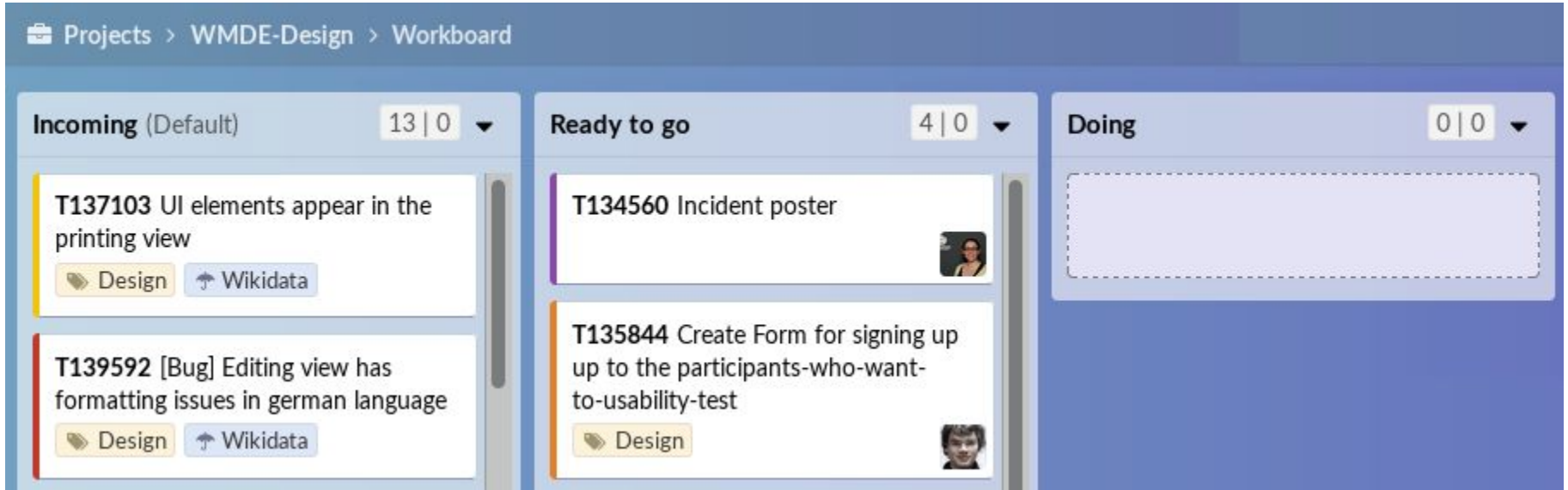


**Abraham (Abraham Taherivand)**

 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)**: 13 | 0 tasks. Contains two task cards:
  - T137103** UI elements appear in the printing view. Category: Design. Wikidata link.
  - T139592** [Bug] Editing view has formatting issues in german language. Category: Design. Wikidata link.
- Ready to go**: 4 | 0 tasks. Contains two task cards:
  - T134560** Incident poster. Category: Design. Assigned to a user.
  - T135844** Create Form for signing up to the participants-who-want-to-usability-test. Category: Design. Assigned to a user.
- Doing**: 0 | 0 tasks. Currently empty, indicated by a dashed box.

# Setting priorities of tasks

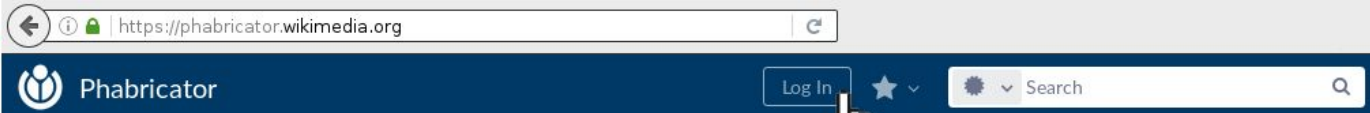
- Priority values: needs triage, lowest, low, normal, high, unbreak now!
- Priorities express the urgency of a task.
- Maintainers, developers, product managers set the priorities.
- [https://www.mediawiki.org/wiki/Phabricator/Project\\_management#Setting\\_task\\_priorities](https://www.mediawiki.org/wiki/Phabricator/Project_management#Setting_task_priorities)




Questions so far?

Practical part

# Account registration

- 

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

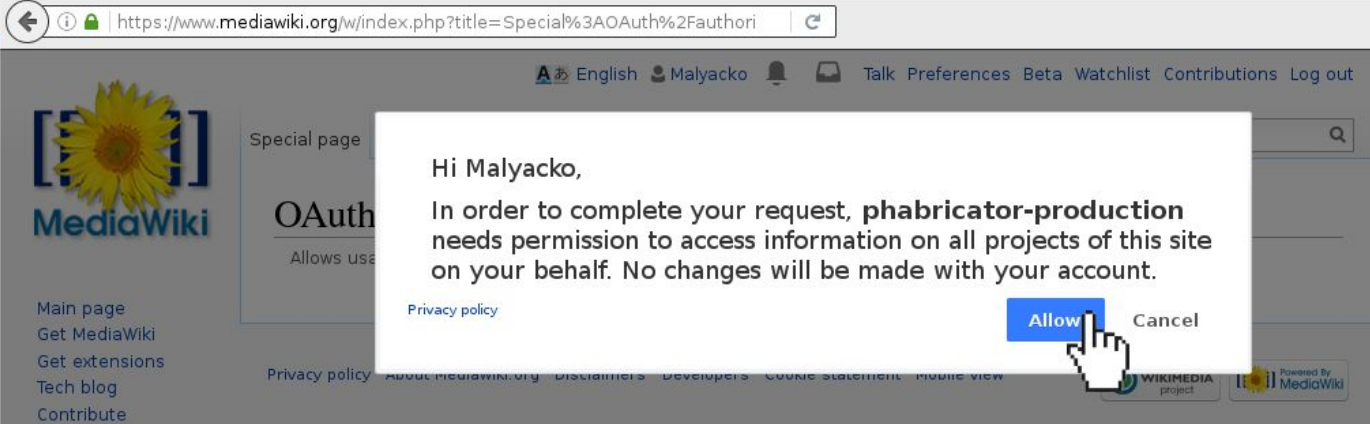
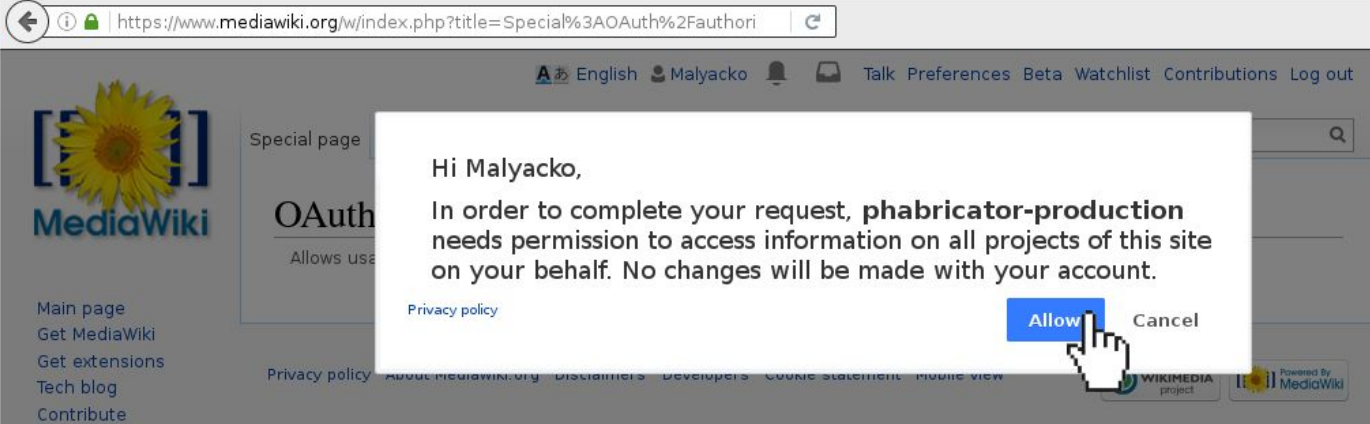
Phabricator Log In ★ ⚙ Search
- 

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

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)

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

View All

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



Profile

Badges

Tasks

Revisions

Commits

Manage

## Projects



Developer-Relations

Group

## Calendar

Today

Clear sailing ahead.

Tomorrow

Clear sailing ahead.

Wednesday

Clear sailing ahead.

# User profile

# 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](#) 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:  
{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**

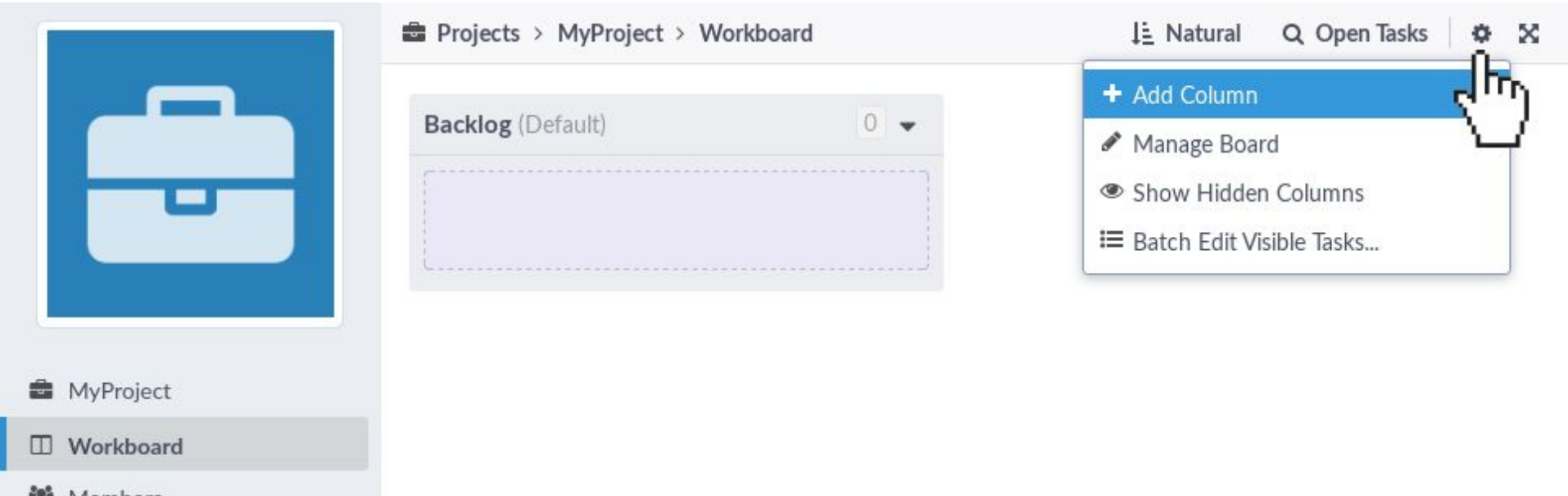
Import board columns from another project.

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

Cancel

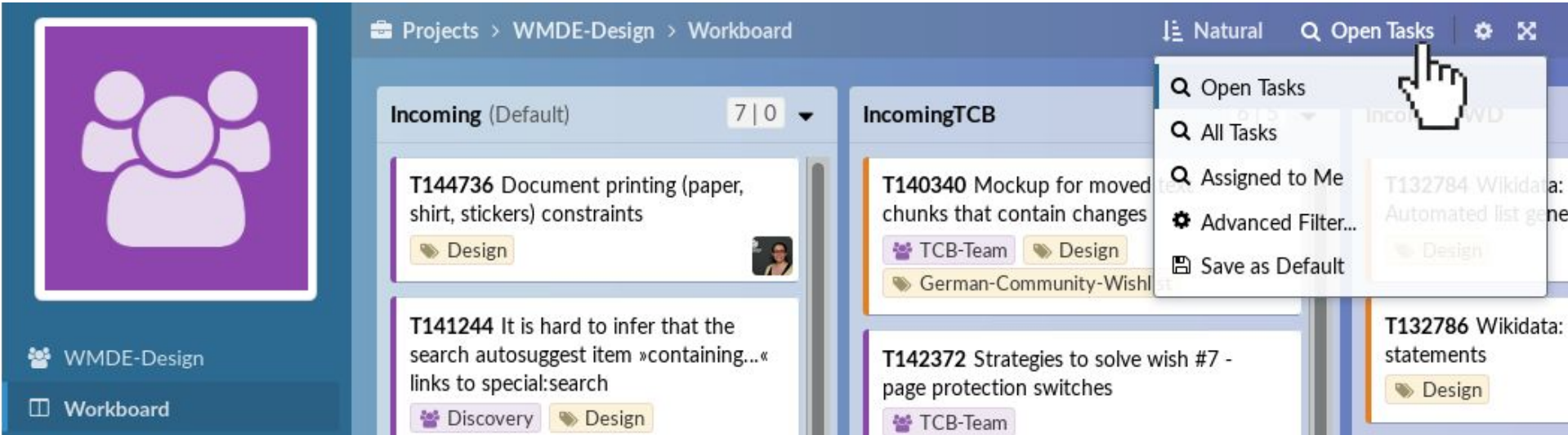
Create Workboard

# 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 shows a breadcrumb path "Projects > MyProject > Workboard" and a "Backlog (Default)" section with a task count of "0". A settings menu is open on the right, triggered by a gear icon, and lists the following options: "Add Column" (highlighted in blue), "Manage Board", "Show Hidden Columns", and "Batch Edit Visible Tasks...". The top right of the interface includes a view selector set to "Natural", a search icon labeled "Open Tasks", and a close icon.

# Sorting or filtering the content of a workboard



The screenshot displays a workboard interface for the 'WMDE-Design' project. The breadcrumb path is 'Projects > WMDE-Design > Workboard'. The interface is divided into several columns. The leftmost column features a purple icon of three people and labels for 'WMDE-Design' and 'Workboard'. The main area is split into two primary sections: 'Incoming (Default)' and 'IncomingTCB'. The 'Incoming (Default)' section shows a task count of '7 | 0' and contains two task cards: 'T144736 Document printing (paper, shirt, stickers) constraints' with a 'Design' tag, and 'T141244 It is hard to infer that the search autosuggest item »containing...« links to special:search' with 'Discovery' and 'Design' tags. The 'IncomingTCB' section contains two task cards: 'T140340 Mockup for moved chunks that contain changes' with 'TCB-Team' and 'Design' tags, and 'T142372 Strategies to solve wish #7 - page protection switches' with a 'TCB-Team' tag. 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 positioned over the 'Open Tasks' option. The top right of the interface includes a 'Natural' view selector, a search icon, and a settings icon.

Projects > WMDE-Design > Workboard

Natural Open Tasks

Incoming (Default) 7 | 0

IncomingTCB

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  
German-Community-Wishl

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

T132784 Wikidata: Automated list gene  
Design

T132786 Wikidata: statements  
Design

Open Tasks

All Tasks

Assigned to Me

Advanced Filter...

Save as Default

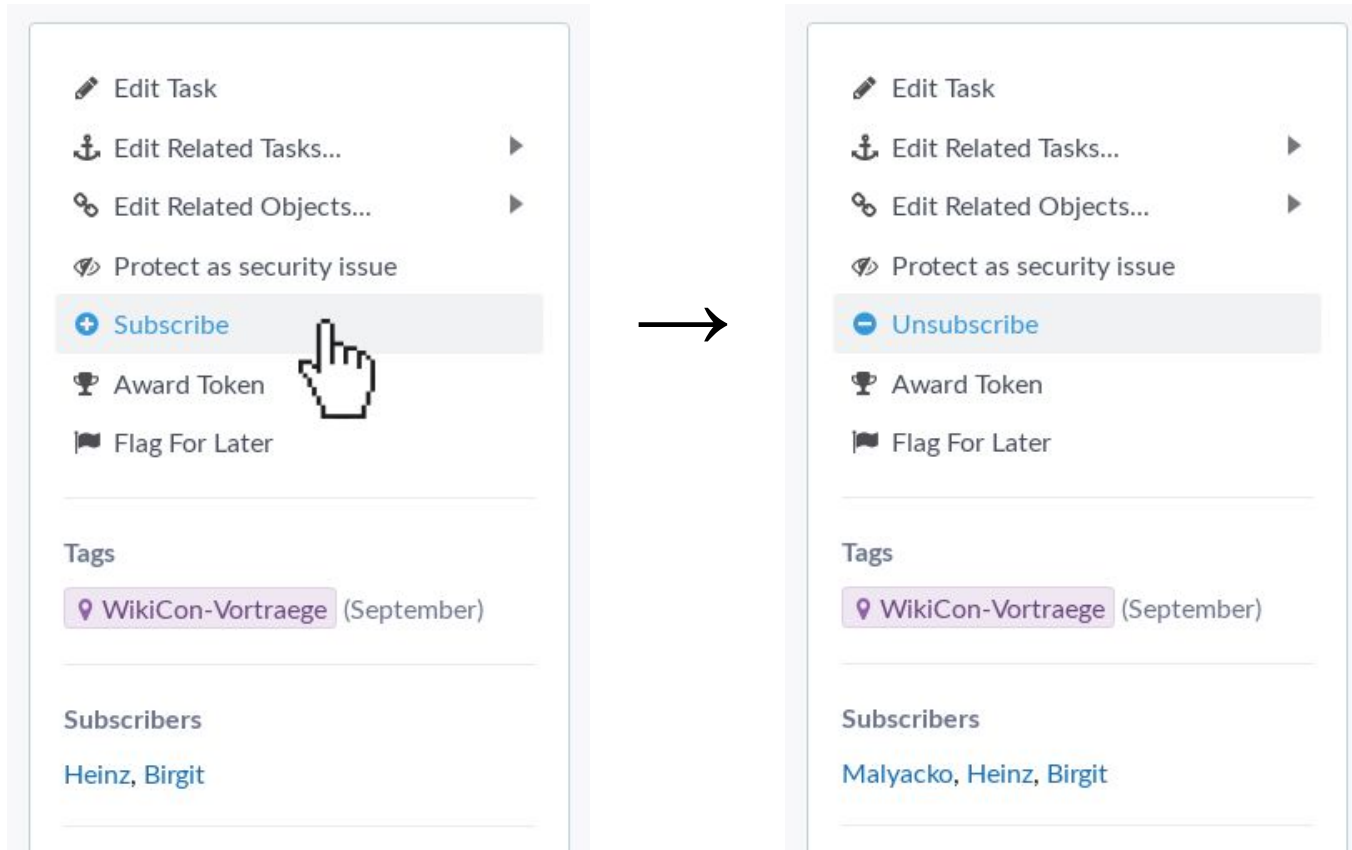
WMDE-Design

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 sequence of actions.

**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, there is a dark blue header with the Phabricator logo, a notification bell with '24', a search bar, and several utility icons. Below the header, the breadcrumb 'Projects > MyProject' is visible. The main content area is divided into several sections:

- Project Header:** 'MyProject' is labeled as a 'Component'. It has 'Active' and 'Public' status tags. A 'Watch Project' button with an eye icon is present, with a hand cursor hovering over it.
- Details Section:** Contains a 'DESCRIPTION' box with the text: 'A MediaWiki extension that provides a kitchen sink on a special page ([Homepage](#))'.
- Members Section:** Titled 'Members (1)', it lists 'Josephine' as a 'User'. A 'View All' button is next to the title.
- Watchers Section:** Titled 'Watchers (1)', it lists 'Richard' as a 'Designer'. A 'View All' button is next to the title.
- Recent Activity Section:** Titled 'Recent Activity', it shows a comment from 'Aklapper' on 'T123456: Implement water supply.' The comment text is 'Wondering what's left to do here?'. The activity is dated 'Mon, Sep 4, 10:25 AM' and associated with 'MyProject, OtherProject'.

A sidebar on the left contains navigation links: 'MyProject', 'Workboard', 'Members', 'Subprojects', and 'Manage'.



# Following activity in projects

The screenshot displays 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. The main content area is titled 'Projects > MyProject'. Below this, the project name 'MyProject' is shown with a 'Component' icon, and an 'Unwatch Project' button. There are filters for 'Active' and 'Public'. The 'Details' section contains a 'DESCRIPTION' with the text: 'A MediaWiki extension that provides a kitchen sink on a special page (Homepage)'. The 'Recent Activity' section shows two entries: one where 'Malyacko' added a watcher for 'MyProject' on 'Mon, Sep 4, 12:23 PM', and another where 'Aklapper' added a comment to 'T123456: Implement water supply.'. On the right side, there are two lists: 'Members (1)' with 'Josephine' (User) and 'Watchers (2)' with 'Malyacko' (User) and 'Richard' (Designer). A left sidebar contains navigation links: 'MyProject', 'Workboard', 'Members', 'Subprojects', and 'Manage'.

Phabricator 24

Projects > MyProject

## MyProject Component

Active  Public


### Details


**DESCRIPTION**

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



### Recent Activity

**Today**



 **Malyacko** added a watcher for [MyProject](#): Malyacko.  
Mon, Sep 4, 12:23 PM



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

### Members (1)

 **Josephine**  User

### Watchers (2)

 **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)

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