

E-Democracy system

This page displays some sort of [Tutorial](#) information about how to use Tiki as a base for an electronic democracy system.

see also: [The World Parliament Experiment](#)

1. SUBMITTING PROPOSALS THROUGH USING WIKI PAGES AND THEIR RATING SYSTEM

You need to have select the checkboxes:

- Rating, under "Admin > Wiki"
- Polls, under "Admin > Features"

Check that registered (or anonymous, whatever you prefer) have the global permission to view and vote ratings (set that to your choice). And you can modify that with local permissions on individual objects (review [Permissions Settings](#) , if needed).

Then you need to create a poll template under "Admin > Polls" (tiki-admin_polls.php - option in the main application menu, under the admin section):

Admin Polls



[Set last poll as current](#) [Close all polls but last](#) [Activate all polls](#)

Create/edit Polls

Title:

Active:

Categorize: [[show categories](#) | [hide categories](#)]

PublishDate: at

...and add some options to this poll template:

Admin Polls: Wiki

[List polls](#) [Edit this poll](#)

Preview poll

Wiki

Very Good

Good

So-So

Bad

Very Bad

View Results

(Votes: 0)

(Comments: 7)

Edit or add poll options

Option: Position:

Poll options

| position | title | votes | action |
|----------|-----------|-------|---|
| 1 | Very Good | 0 | delete edit |
| 2 | Good | 0 | delete edit |
| 3 | So-So | 0 | delete edit |
| 4 | Bad | 0 | delete edit |
| 5 | Very Bad | 0 | delete edit |

Later on you will be able to select this poll template at wiki edition time.

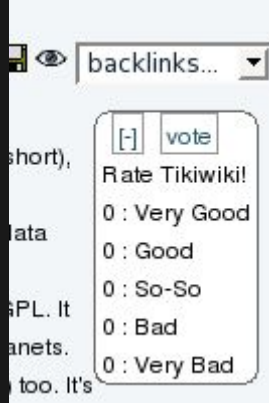


And then, you'll be able to see the results from that rating on that page, or you'll be able to rate that page (if you have enough permissions).

You'll see the "Rating" box on the top right corner of the page.



Clicking on that box, you'll see the current results of the poll votes:



And after clicking on the vote link (on top of the box), you'll be able to insert your vote to that page through that poll.



Select an option ("Good" at the screenshot) and click on the vote button. This will record your option, and after you go to see the results again, you'll see:



And whenever another person rates the page, you'll see your option highlighted (in yellow in tikineat.css theme style), but not the options of the other users ("Very good", in this screenshot).



1.1 DISCUSSING PROPOSALS THROUGH USING VOTABLE COMMENTS ON WIKI PAGES

Once a wiki page is created, containing a proposal, for instance, users could discuss arguments for and against that proposal. This could be implemented using the **comments** feature on wiki pages (check that it's enabled under "Admin > Wiki" in your Tiki site).

You could add a new thread called "Arguments **for** that proposal", and another thread called "Arguments **against** that proposal". Replies to these two threads could be added by users, and a user could vote on other users comments. See the following example:

| | | | | | | | | | | |
|----------------------|------------------------|------------------------|----------------------|-----------------------|-------------------------|-------------------------|----------------------|------------------------|-------------------|-----------------------------|
| edit | remove | rename | lock | perms | history | similar | undo | export | 4 | translation |
| | | | | | | | | | | comments |

Posted messages

| Messages | Style | Sort | Threshold | Find | set | Hide |
|----------|----------|-------|-----------|------|-----|------|
| 10 | Threaded | Score | All | | Top | all |

| | |
|-----------------------|---|
| author | message |
| xavi | <p>Arguments for Tikiwiki</p> <p>on: Tue 05 of Jun, 2007 [17:10] score: 3.00 Vote: 1 2 3 4 5 X reply</p> <p>Discuss here arguments for using Tikiwiki as the base software for an e-democracy system (based on open sourced code, etc.)</p> |
| author | message |
| Xavi | <p>Re: Arguments for Tikiwiki</p> <p>on: Tue 05 of Jun, 2007 [18:44] score: 0.00 X reply</p> <p>Well, Tikiwiki has plenty of ready-to-use features, suitable for an e-democracy system, plus many more useful for complementary work on the site (communication with users or among them, etc.).</p> <p>See the features list at: http://doc.tikiwiki.org/Features</p> |
| author | message |
| admin | <p>Arguments against Tiki-Wiki</p> <p>on: Tue 05 of Jun, 2007 [17:05] score: 0.00 Vote: 1 2 3 4 5 X reply</p> <p>Under this thread you can post all arguments against Tiki-Wiki for the purpose of a basis for a free e-democracy software.</p> |
| author | message |
| admin | <p>Tiki-Wiki can have too many features</p> <p>on: Tue 05 of Jun, 2007 [17:10] score: 4.00 Vote: 1 2 3 4 5 X reply</p> <p>That can make it hard to administer</p> |

WARNING:

So far, the rating system is somehow taking into account the user score when making averages of votes, making use of some kind of factor which multiplies for the vote number. However, it seems very easy to modify the template so that votes are averaged the same way for any user, regardless of that users scores

1.2. DISCUSSING PROPOSALS THROUGH VOTABLE FORUMS POSTS AND REPLIES

This is something very similar to the previous case of threaded and votable wiki page comments.

At forum creation (or edition) time, you have to select that posts can be rated, so that users can rate other users posts

2. SUBMITTING PROPOSALS THROUGH USING TRACKERS AND THEIR RATING SYSTEM

Create a new tracker with "rating" selected

The screenshot shows a web form titled "Create/edit trackers" with the following fields and options:

- Name: Proposals
- Description: Proposals of items through trackers in the e-democracy system
- Categorize: [show categories | hide categories]
- Show status:
- Default status displayed in list mode: open, pending, closed
- Show status to tracker admin only:
- Send copies of all activity in this tracker to this e-mail address: [empty text box]
- Use simplified e-mail format:
The tracker needs a text field named Subject
- New items are created with status: open (dropdown)
- Authoritative status for modified items: No change (dropdown)
- Item creator can modify his items?:
The tracker needs a user field with the option 1
- Member of the default group of creator can modify items?:
The tracker needs a group field with the option 1
- Show creation date when listing tracker items?:
- Show lastModif date when listing tracker items?:
- What field is used for default sort?: Rating (dropdown)
- What is default sort order in list?: ascending (dropdown)
- Tracker items allow ratings?: with values -2,-1,0,1,2 and display rating results in listing?
- Tracker items allow comments?: and display comments in listing?
- Tracker items allow attachments?:

At the bottom of the form is a "Save" button.

Add some tracker fields, like the ones in the figure:

Tracker fields

Find 10 rows

| id | position | name | type | options | isMain | Tbl vis | Searchable | Public | Hidden | Mandatory | |
|----|-------------------------|-----------|----------------|-------------|-----------------|------------|------------|--------|--------|-----------|--|
| 1 | 0 | Rating | system | -2,-1,0,1,2 | - | y | - | y | - | - | |
| 2 | edit 10 | Proposal | textarea | 1 | y | y | y | y | n | y | |
| 3 | edit 20 | Agreement | drop degree | down | ?,?,1,2,3,4,5 n | y | y | y | n | y | |

Nowadays, you can go to the tracker, from "Trackers > List Trackers", and select your tracker from the list ("Proposals" in this example). You'll see the insert form:

Insert new item

Status

Rating -2 -1 0 1 2

Proposal body *

[+ Quicktags ...](#)

Agreement degree * View inserted item

*fields marked with a * are mandatory*

Fill in the tracker with some items, and rate the tracker items. For instance:

Tracker: Proposals

[List trackers](#) [Cancel monitoring](#) [Admin trackers](#) [Edit this tracker](#) [Edit fields](#)

Proposals of items through trackers in the e-cdemocracy system!

| | <u>Rating</u> | <u>Proposal body</u> | <u>Agreement degree</u> | <u>created</u> | <u>lastModif</u> | coms | |
|---|---------------|---|-------------------------|-----------------------------|-----------------------------|------|---|
| 2 | --2-1012 | Trial 4 | 5 | Tue 05 of Jun, 2007 [17:43] | Tue 05 of Jun, 2007 [17:43] | 0 | ✗ |
| 3 | --2-1012 | test | 3 | Tue 05 of Jun, 2007 [17:42] | Tue 05 of Jun, 2007 [18:07] | 0 | ✗ |
| 4 | --2-1012 | Use an e-democracy system to propose things, and gather opinion from others | 5 | Tue 05 of Jun, 2007 [17:20] | Tue 05 of Jun, 2007 [17:40] | 0 | ✗ |

At this stage, you can also use some wiki plugins: TRACKER and TRACKERLIST plugins.

Let's see how can they be used, for instance. In a wiki page, we can add:

```
{TRACKER(trackerId=>1, fields=>1:2:3, action=>Name of submit button, showtitle=>y, showdesc=>y, showmandatory=>y, embedded=>y)} Notice to users when submitting the tracker item{TRACKER}
```

This would produce (just below the "**Register WPE with the People's Congress**", starting with a title bar called "Proposals", which is the tracker title):

Draft Proposals

WPE

backlinks... English

In 'Draft Proposals', you can post your proposals to the WPE voting site, so that other members can help you with improvement and feedback, before they become [future votes](#). We suggest that all proposals shall be short, to the point, and anonymous in order to avoid bias caused by ego conflicts. If you want your name to be public after the acceptance of your proposal, send an e-mail to jmstenborg@gmail.com about your wish, and your name will be published.

- [Proposals with high agreement](#)
- [Suggestion to users](#)
- [Cooperate with Humanitad in order to set up World Problem Solving Internet Site](#)
- [Register WPE with the People's Congress](#)

Proposals

Proposals of items through trackers in the e-cdemocracy system!

Proposal body *

Agreement degree *

Name of submit button

Fields marked with a * are mandatory.

And the TRACKERLIST plugin can be used like in here:

```
!!! Proposals with high agreement {TRACKERLIST(trackerId=>1,fields=>1:2:3, showtitle=>y, showlinks=>y, showdesc=>y, showinitials=>y, showstatus=>y, status=>opc, max=>10, filterfield=>3, filtervalue=>5, exactvalue=>5)}Notice to users{TRACKERLIST}
```

Which would produce this filtered list on the wiki page itself:

Proposals with high agreement

Proposals

Proposals of items through trackers in the e-democracy system

| | <u>Rating</u> | <u>Proposal body</u> | <u>Agreement degree</u> | <u>created</u> | <u>lastModif</u> | coms |
|---|---|--|-------------------------|-----------------------------|-----------------------------|------|
|  | 2  | <u>Trial 4</u> | 5 | Tue 05 of Jun, 2007 [17:43] | Tue 05 of Jun, 2007 [17:43] | 0 |
|  | 4  | <u>Use an e-democracy system to propose things, and gather opinion from others</u> | 5 | Tue 05 of Jun, 2007 [17:20] | Tue 05 of Jun, 2007 [17:40] | 0 |

3. USING THE PLUGINPROPOSAL

In [Tikiwiki 3.0](#) a new PluginProposal was introduced.

See also [PluginConvene](#), [Rating](#) and [Deliberation](#).

Plugin Proposal

Introduced in [Tiki3](#)

Use this [wiki plugin](#) to provide a widget for users to vote on a proposal and view the current decision.

- It makes it quick to vote and tally votes
- The proposal and votes are kept in the wiki page so it's still possible to improve the original proposal and to change the votes (there is wiki page version history so everyone can see the

evolution).

PARAMETERS

Allow users to vote on a proposal and view the results

Introduced in Tiki 3.

[Go to the source code](#)

Preferences required: wikiplugin_proposal

Parameters

(body of plugin)

`caption`

Accepted Values

text

Description

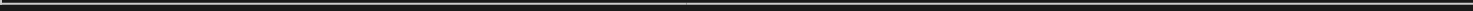
The list of votes cast. One vote per line. Either 0, +1 or -1 followed by a username.

Short description of the proposal to vote on. Will be displayed above the result table.

| Default | Since |
|----------------|--------------|
| | 3.0 |

weights

text



Comma-separated list of groups and their associated weight. Default is `Registered(1)` Example:

`Reviewer(2.5),User(1),Manager(0.25),Registered(0)`

Registered(1) 10.0

- Note that a user must have edit rights to the page where the proposal is placed in order to be able to see the vote buttons and be able to click on them to vote.
- New in [Tiki10](#): Added the ability to set custom weights to groups in the proposal plugin, which affects the stored attributes. This is useful for [Code Review](#)

EXAMPLES

BASIC SYNTAX

```
{PROPOSAL(caption="Here is the proposal")} +1 Sam -1 john +1 Suzy +1 Cuong 0 Sam +1 Helen +1 Majid +1 Mohammed 0  
Francois +1 Youssou +1 Nico -1~1 will0913{PROPOSAL}
```

FREE BIRTHDAY PIZZA

As users vote by clicking the accept, reject or undecided button, the user's user name and vote is automatically placed in the code. Once several people have voted, the code would look something like this:

{PROPOSAL(caption="That each Tiki contributor should get free pizza on their birthday")} +1 Sam -1 john +1 Suzy +1 Cuong 0 Sam +1 Helen +1 Majid +1 Mohammed 0 Francois +1 Youssou +1 Nico {PROPOSAL}

Would produce:

That each Tiki contributor should get free pizza on their birthday

Accept

7

- Suzy
- Cuong
- Helen
- Majid
- Mohammed
- Youssou
- Nico

Undecided

2

- Sam
- Francois

Reject

1

- john

You can see in the code above that user Sam voted twice: the first time he accepted the proposal (+1 Sam), and then he changed his vote to undecided (0 Sam). In the display result immediately above, only the last choice (undecided) shows.

Since [Tiki10](#): Added the ability to set custom weights to groups in the proposal plugin, which affects the stored attributes. This is useful for [Code Review](#)

RELATED PAGES

- Tutorial: [E-Democracy System](#)
- [Source code](#)

ALIASES

[Plugin Proposal](#) | [Proposal](#)

4. USING A VOTING SYSTEM BASED ON TRACKERS

See the profile http://profiles.tiki.org/Voting_System to get an example of a Voting System applied in a [Tiki12](#) site.

Voting_System is one simple yet very powerful use of [Trackers](#) in Tiki. This profile will enable the tracker feature and create a basic wiki page to act as a custom reduced interface to vote in the system, while hiding some fields to the end user, that are needed to ensure that the user is recognized as a member of the only group that can vote ("Group1"), and that only one vote per user is allowed.

Two users are created for demo purposes: user1, which belongs to group1, and user2, which belongs to group2. Therefore, only user1 can vote, beyond the admin, that can also vote since no permissions are checked against user admin, who has the ability to create and fine tune the system.

You can easily enhance the system as admin by:

1. enabling users to get notified by email of changes to their items. This way, a user casting a vote will receive also a notification email with a copy of the choices made in that vote casted (also if only voting once and no further change is made to that vote).

You can do so by means of:

1. go to list your **trackers** (tiki-list_trackers.php), and choose to list the tracker fields for the tracker of the voting system
2. edit the field "**User selector: Username**"
3. at the option "**Options for User Selector**", choose "Email Notification: **No**". And click at the **OK** button below to save your changes.

2. Set some period for the voting. No votes will be allowed before and after these dates you chose.

You can do so by means of:

1. go to list your **trackers** (tiki-list_trackers.php) and edit the tracker for the voting system
2. go to the "**Permissions**" section in that popup window, below at the

"Creation date constraint", and click at the **"After"** and **"Before"** checkboxes.

3. Choose your preferred date and time for each parameter, and click at the **OK** button below to save your changes.

5. ALLOW USERS TO RATE AUTHORS OPINIONS BASED ON ARTICLES OR COMMENTS

For Articles:

- Enable the feature **"Admin home > Articles > General Settings > User ratings on articles"**, and set the options here: **"Article rating options:"** (1, 2, 3, 4, 5; or less/more options than those)
- Ensure that you granted to your desired group/s the permission to vote, and view the rating results.
 - articles > tiki_p_rate_article
 - tiki > tiki_p_ratings_view_results

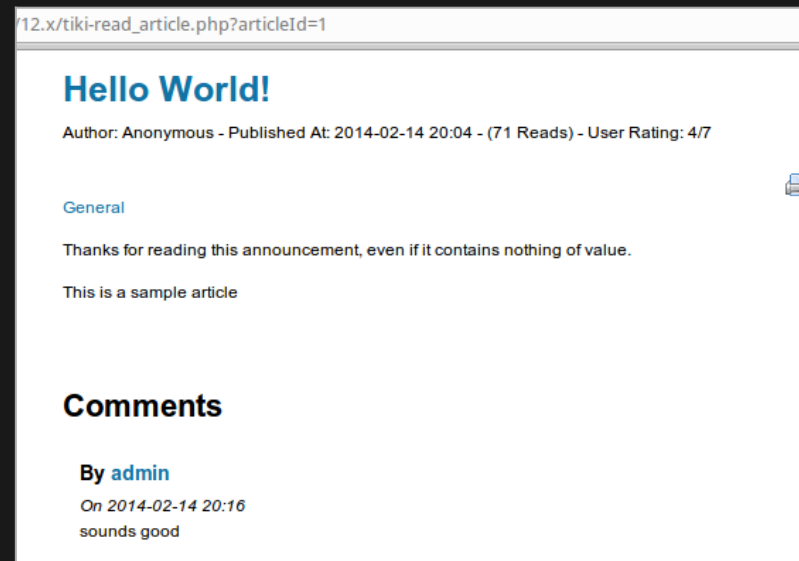
For Comments:

- Enable the feature **"Admin home > Rating > Comments > Simple wiki comment ratings"** and **"Wiki rating options:"** (1, 2, 3, 4, 5; or less/more options than those)

- Ensure that you granted to your desired group/s the permission to vote, and view the rating results.
 - comments > tiki_p_vote_comments
 - tiki > tiki_p_ratings_view_results

You can see a few examples below depending on the features enabled (see [Rating](#)), and the permissions of the group of users involved.

1. Example of simple display of results for anonymous users, without the permission to vote, but with the permission to view the rating results, and without detailed results nor colored smiley ratings. One comment also displayed below.



Click to expand

2. Example of simple display of results for registered users, with the permissions to vote and to view the rating results, and without detailed results nor colored smiley ratings. One comment also displayed below

Hello World!

Author: Anonymous - Published At: 2014-02-14 20:04 - (68 Reads) - User Rating: 4/7

1 2 3 4 5 6 7 [Rate](#)



General

Thanks for reading this announcement, even if it contains nothing of value.

This is a sample article

Comments

By **admin**



On 2014-02-14 20:16

sounds good

[Reply](#) [Edit](#) 1 2 3 4 5 [Rate](#)

[Post new comment](#)

Click to expand

3. Example of detailed display of results for registered users, with the permissions to vote and to view the rating results, and without colored smiley ratings. One comment also displayed below.

Hello World!

Author: Anonymous - Published At: 2014-02-14 20:04 - (68 Reads) - User Rating: 4/7

1 2 3 4 5 6 7 [Rate](#)



General

Thanks for reading this announcement, even if it contains nothing of value.

This is a sample article

Comments

By **admin**

On 2014-02-14 20:16

sounds good

[Reply](#) [Edit](#) 1 2 3 4 5 [Rate](#)

[Post new comment](#)

Click to expand

4. Example of detailed display of results for registered users, with the permissions to vote and to view the rating results, and with colored smiley ratings. One comment also displayed below.

and rating smileys both enabled.

The screenshot shows the 'Support Forum' interface. At the top, there are buttons for 'New Topic', 'Forum List', and 'Edit Forum'. Below that, a search bar with a 'Find' button is visible. A table of threads is displayed with columns for 'Type', 'Title', 'Reads', 'Users Rating', 'Detailed results', and 'Actions'. Two threads are listed:

| Type | Title | Reads | Users Rating | Detailed results | Actions |
|------|--|-------|--------------|-------------------------|---------|
| | How can we change the interface language? | 7 | 5 / 6 | (1 / 100%) | |
| | How can we receive emails notifying changes in the site? | 26 | 3.7 / 6 | (1 / 33%) (2 / 67%) | |

The 'Detailed results' for the second thread is expanded, showing a bar chart with a green segment for 1/33% and a red segment for 2/67%.

Click to expand

If we visit one of those threads of that forum, we can see that the rating shown in the threads list corresponds to the rating of the thread topic (first message of the thread). Replies to that topic can also be rated by users.

The screenshot shows a forum thread page. The main post is titled 'How can we receive emails notifying changes in the site?' and was posted by 'admin' on 2014-02-15 22:56. The post content is: 'How can we receive emails notifying changes in the site? I heard something about using watches, but I'm not sure how or where to use them'. Below the post, there is a 'Reply' button and a rating system showing 'Users Rating: 3.7 / 6 Score: 0.73' with a bar chart for 1/33% (red) and 2/67% (orange). The post has 26 reads and 0 queued messages. Below the main post, there are moderator actions and a dropdown menu. A reply is shown below, posted by 'Xavi' on 2014-02-15 23:06. The reply content is: 'You can use the user watches. See the documentation page about it: <https://doc.tiki.org/Watches>'. Below the reply, there is another 'Reply' button and a rating system showing 'Users Rating: 4 / 6 Score: 1.48 Vote:' with a bar chart for 1/33% (grey), 1/33% (green), and 1/33% (green).

Click to expand

Related links

- [Cryptographically Secure, Distributed Electronic Voting](#)

Alias names for this page

[E-Democracy](#) | [EDemocracy](#) | [Democracy](#)