

Plugin *LiveVoting*

Documentation

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Changes

Version 1.0, 31.03.2015	fsx - created
Version 2.0, 09.03.2016	Fsx Updated for new release 3.0.0
Version 2.1, 13.10.2106	ns - updated for version 3.2.9

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Introduction

Feature overview

PL-Version	Changes
1.0.0	<p>LiveVoting is a repository object plugin which allows course admins to create short votings. User can easily vote with a token-based acces to ILIAS which also allows to implement a SMS Service.</p> <p>The results of a voting can be presented live!</p>
2.0.0	Support for ILIAS 5
3.0.0	<p>Complete new version of ILIAS LiveVoting, featuring the following:</p> <ul style="list-style-type: none">• Voting types• Multiple votings per LiveVoting session• Presentator-driven navigation• Better performance• Complete Bootstrap support
3.2.9	<p>New Features:</p> <ul style="list-style-type: none">• Voting rounds <p>Improvements and bug fixes:</p> <ul style="list-style-type: none">• Performance improvements• Chrome compatibility improvement• Compatible with ILIAS 5.0

Installation

Start in your ILIAS base directory and execute:

```
mkdir -p Customizing/global/plugins/Services/Repository/RepositoryObject
cd Customizing/global/plugins/Services/Repository/RepositoryObject
git clone https://github.com/studer-raimann/LiveVoting.git
cd LiveVoting
php composer.phar install
```

As ILIAS administrator go to "Administration->Plugins" and install/activate the plugin.

4.1 Shortlink-Config

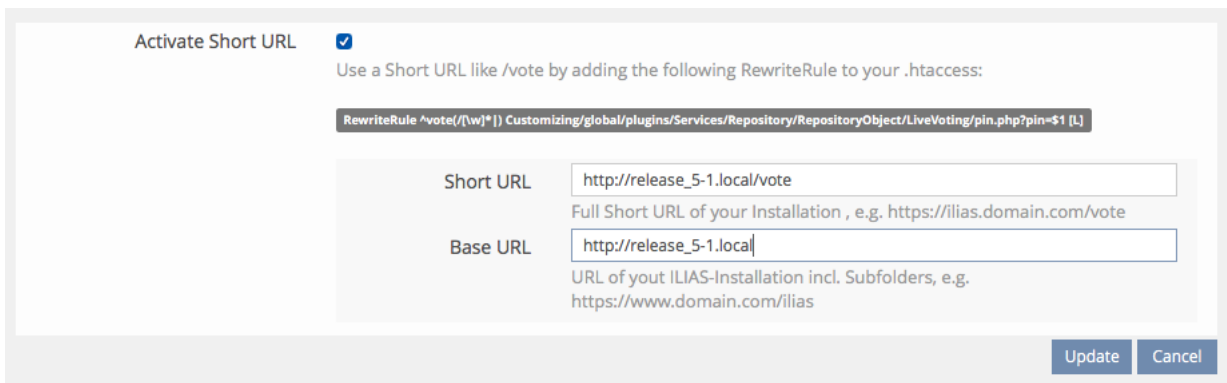
To use the shortlink-feature you must config a Rewrite Rule in .htaccess or Apache-Config:

```
<IfModule mod_rewrite.c>
RewriteRule ^vote(/[\w]*|)
Customizing/global/plugins/Services/Repository/RepositoryObject/LiveVoting/pin.php?pin=$1
[L]</IfModule>
```

This example allows to access a LiveVoting directly with <http://ilias.domain.org/vote/123>

4.2 Configure Shortlink

If you added the RewriteRule as mentioned above, open the plugin administration and activate the shortlink function:



If your installation runs on <https://ilias.yourdomain.com> insert the following:

```
Short-URL: https://ilias.yourdomain.com/vote
Base-URL: https://ilias.yourdomain.com
```

If your installation runs on <https://www.yourdomain.com/ilias> insert the following:

```
Short-URL: https://www.yourdomain.com/ilias/vote
Base-URL: https://ilias.yourdomain.com/ilias
```

4.3 Configuration on Multi-Client-Installations

LiveVoting is only compatible with One-Client-Installations or can at least only run on one client at the same time. To specify which client uses LiveVoting, provide a textfile called „client.txt“ in the plugin root (where the file plugin.php exists). Insert the client name which uses LiveVoting, e.g.:

```
root@vagrant-ubuntu-trusty-64:LiveVoting# echo "clientname" > client.txt
```

4.4 Configuration when using symlinks

In some server configurations LiveVoting has problems to determine the actual directory, where ILIAS runs. This leads to an exception like:

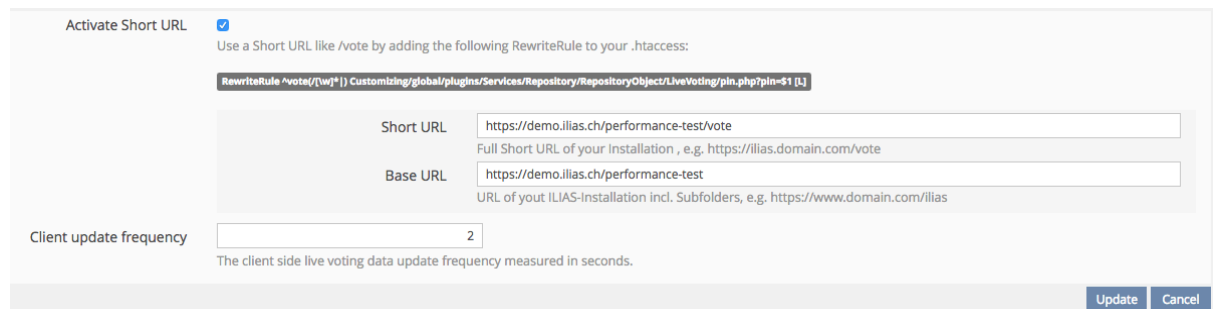
```
LiveVoting cannot determine correct directory. If your installation isn't located at  
'/var/www/mysymlink', LiveVoting is currently unable to run
```

In that case you should specify the path to the ILIAS-root in a file called „path.txt“ in the plugin-root (where the file plugin.php exists). E.g.:

```
root@vagrant-ubuntu-trusty-64:LiveVoting# echo "/var/www/ilias" > path.txt
```

4.5 Configure voter update frequency

Navigate to the LiveVoting plugin configuration.

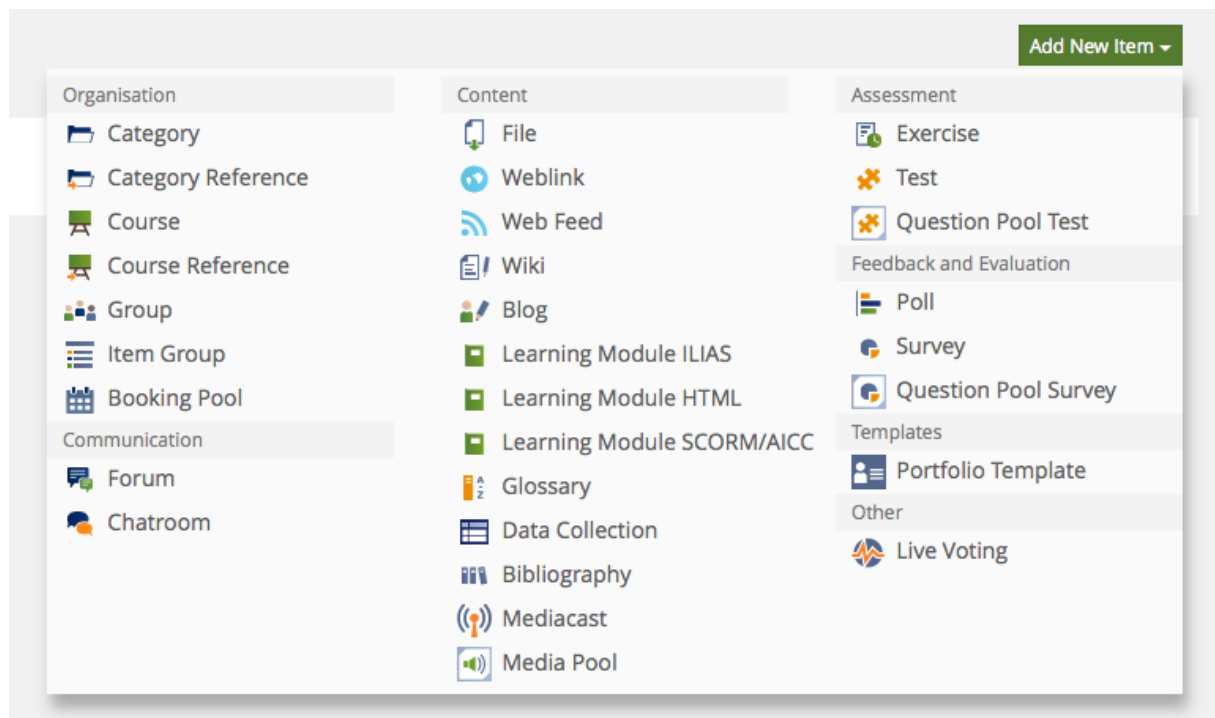


Now you can configure a value between 1 and 60 seconds. Be aware that this option has a strong impact on the LiveVoting performance. The default value for this option is 1 second, because that's the behaviour of older plugin versions.

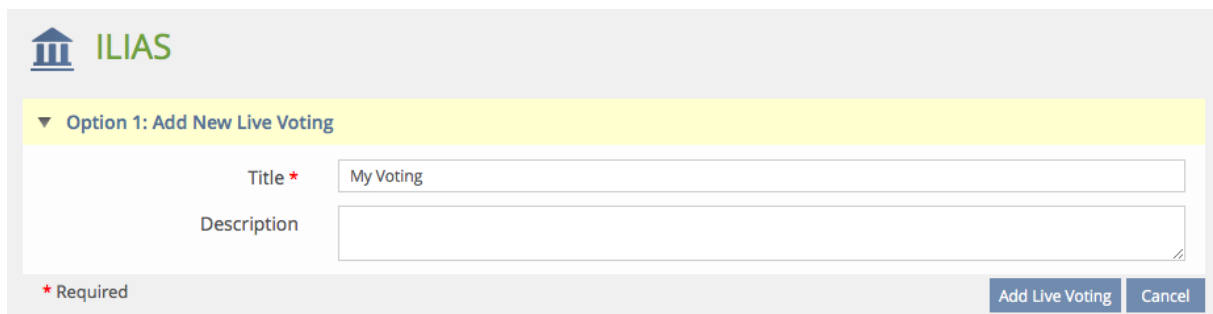
Usage of the plugin


5.1 Create LiveVoting sessions

Create new voting sessions in the ILIAS-Repository:



Define a title and a description for your voting session:



 ILIAS

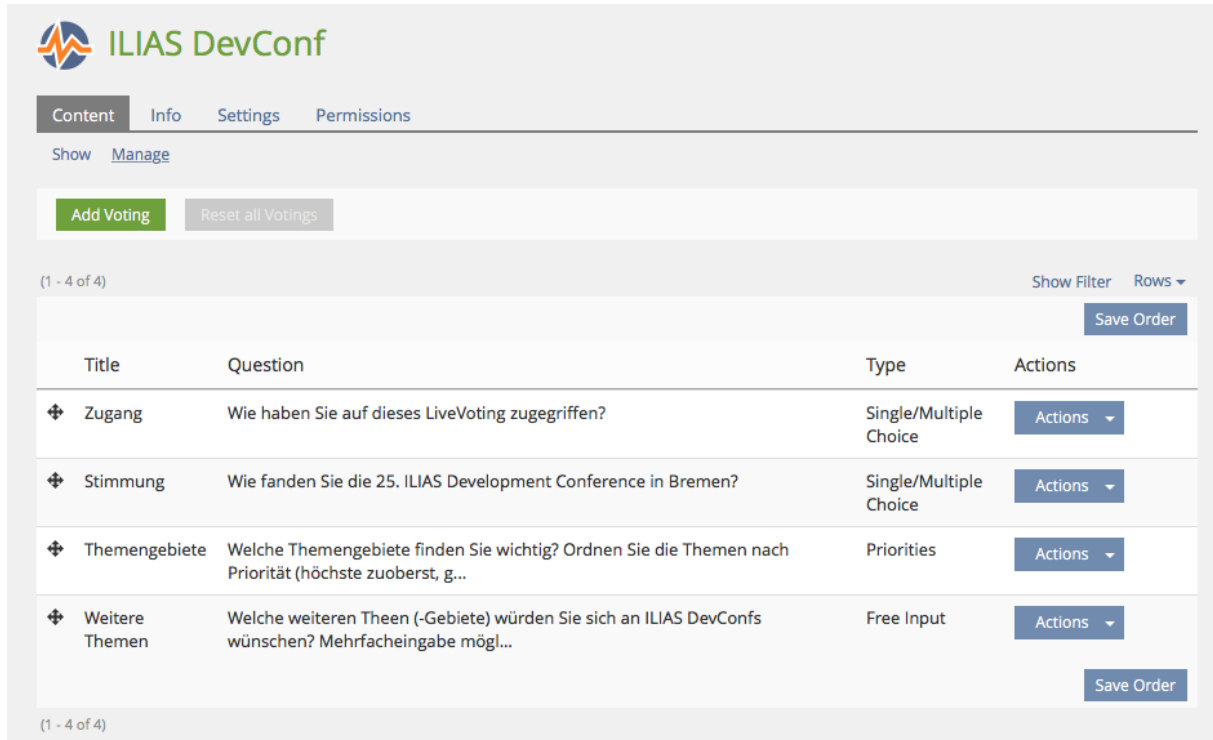
▼ Option 1: Add New Live Voting

Title *

Description

* Required

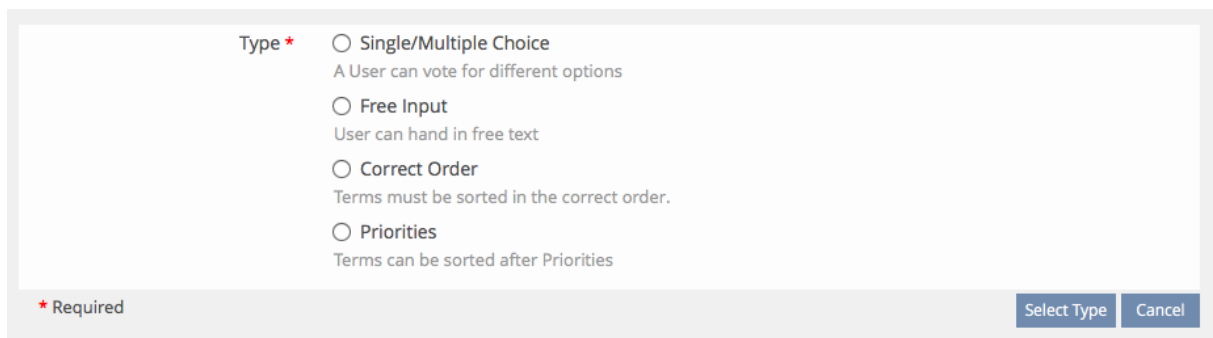
5.2 Add votings to the session



The screenshot shows the ILIAS DevConf interface. At the top, there's a navigation bar with 'Content', 'Info', 'Settings', and 'Permissions'. Below it, there's a 'Show Manage' link. A green 'Add Voting' button is prominent. Below the button, there's a table with 4 rows of votings. The table has columns for 'Title', 'Question', 'Type', and 'Actions'. The first row is 'Zugang' with the question 'Wie haben Sie auf dieses LiveVoting zugegriffen?' and type 'Single/Multiple Choice'. The second row is 'Stimmung' with the question 'Wie fanden Sie die 25. ILIAS Development Conference in Bremen?' and type 'Single/Multiple Choice'. The third row is 'Themengebiete' with the question 'Welche Themengebiete finden Sie wichtig? Ordnen Sie die Themen nach Priorität (höchste zuoberst, g...)' and type 'Priorities'. The fourth row is 'Weitere Themen' with the question 'Welche weiteren Theen (-Gebiete) würden Sie sich an ILIAS DevConfs wünschen? Mehrfacheingabe mögl...' and type 'Free Input'. Each row has an 'Actions' button. There are 'Save Order' buttons at the top right and bottom right of the table.

Title	Question	Type	Actions
✚ Zugang	Wie haben Sie auf dieses LiveVoting zugegriffen?	Single/Multiple Choice	Actions ▾
✚ Stimmung	Wie fanden Sie die 25. ILIAS Development Conference in Bremen?	Single/Multiple Choice	Actions ▾
✚ Themengebiete	Welche Themengebiete finden Sie wichtig? Ordnen Sie die Themen nach Priorität (höchste zuoberst, g...	Priorities	Actions ▾
✚ Weitere Themen	Welche weiteren Theen (-Gebiete) würden Sie sich an ILIAS DevConfs wünschen? Mehrfacheingabe mögl...	Free Input	Actions ▾

Add new votings by clicking „Add Voting“. After that, a selection of the desired voting type is displayed:



The screenshot shows a dialog for selecting a voting type. It has a 'Type *' label and four radio button options: 'Single/Multiple Choice' (with description 'A User can vote for different options'), 'Free Input' (with description 'User can hand in free text'), 'Correct Order' (with description 'Terms must be sorted in the correct order.'), and 'Priorities' (with description 'Terms can be sorted after Priorities'). At the bottom, there's a '* Required' label and two buttons: 'Select Type' and 'Cancel'.

Type *

☐ Single/Multiple Choice
A User can vote for different options

☐ Free Input
User can hand in free text

☐ Correct Order
Terms must be sorted in the correct order.

☐ Priorities
Terms can be sorted after Priorities

* Required

Select Type Cancel

Each voting has a title and a question text. If the installation supports the RichTextEditor (RTE), some basic formats are allowed. Additionally each voting type has it's specific Settings:

CREATECreateCancel

Title *

Frage 003

Question *

Lorem ipsum dolor sit amet?

TYPE-SETTINGS

Multiple Selection ☐

User can select more than one Option

Options

Option-Text

+

-

^

v

Lorem

Option-Text

+

-

^

v


Ipsum

* Required

Create

Cancel

5.3 Starting a voting session

 ILIAS DevConf

Content

Info

Settings

Permissions

[Show](#) [Manage](#)

Start LiveVoting


Votings

Start LiveVoting and unfreeze directly

2428

http://release_5-1.local/vote/2428

0 Online



There are three option to start a voting session:

- Direct start („Start LiveVoting“) with first voting
- Start a specific voting (Dropdown „Votings“)
- Start with first voting and unfreeze directly

Since a voting session starts in frozen mode, the last option allows to directly unfreeze the voting session.

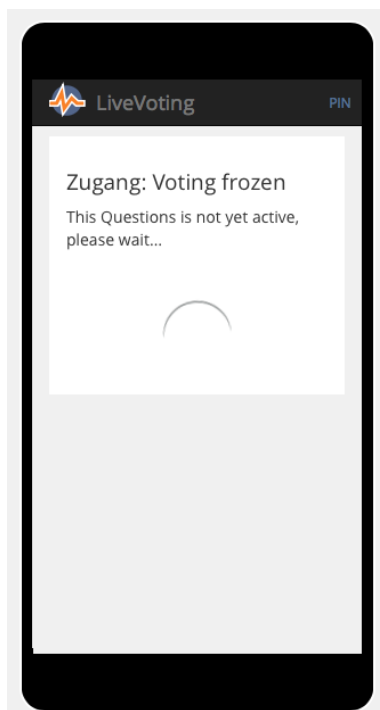
5.4 Accessing the Voting as Voter

The voters have three different options to participate the voting session:

- Open shortlink, e.g. http://release_5-1.local/vote/ and insert the voting PIN
- Accessing the shortlink URL incl. the PIN, e.g. http://release_5-1.local/vote/2428
- Scan the QR code and open the URL


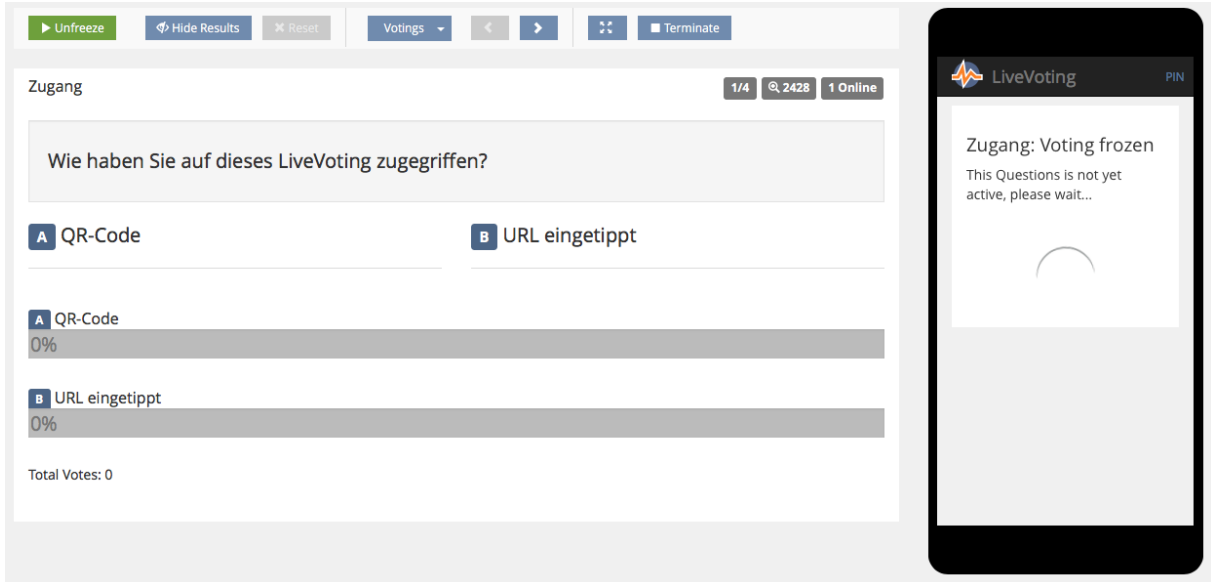


After opening the voter screen, voters will have to wait until the presenter unfreezes the voting:

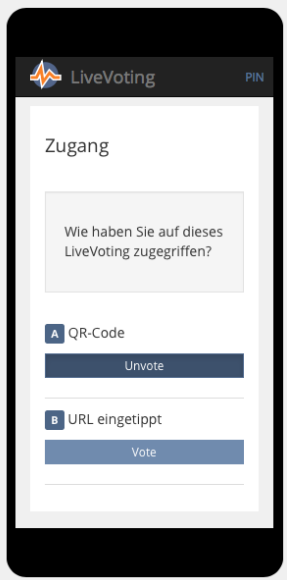
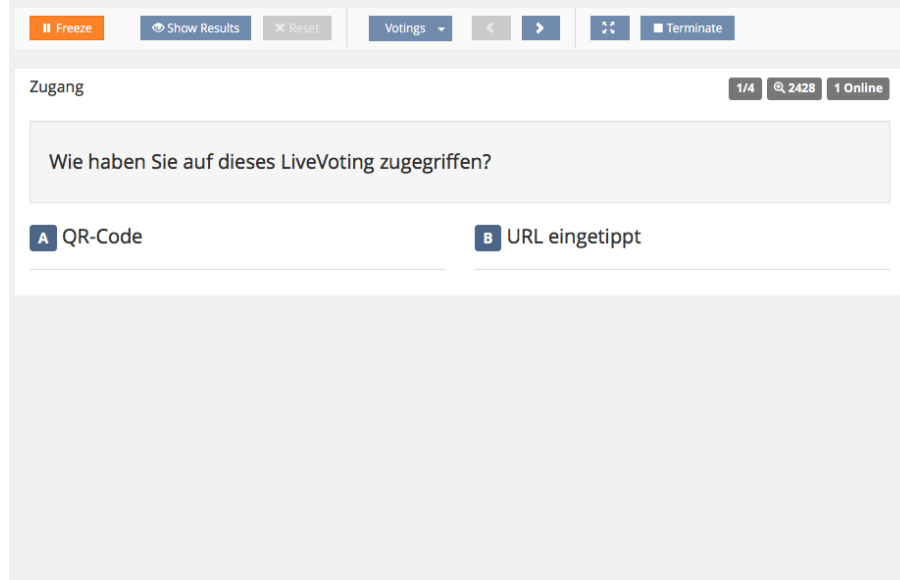
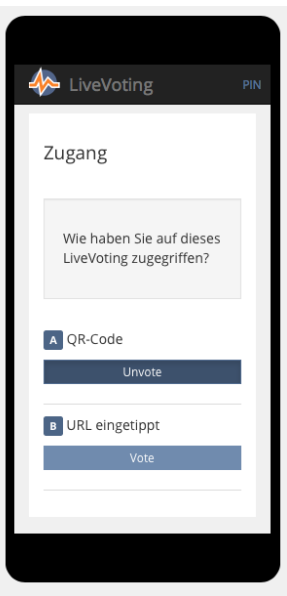
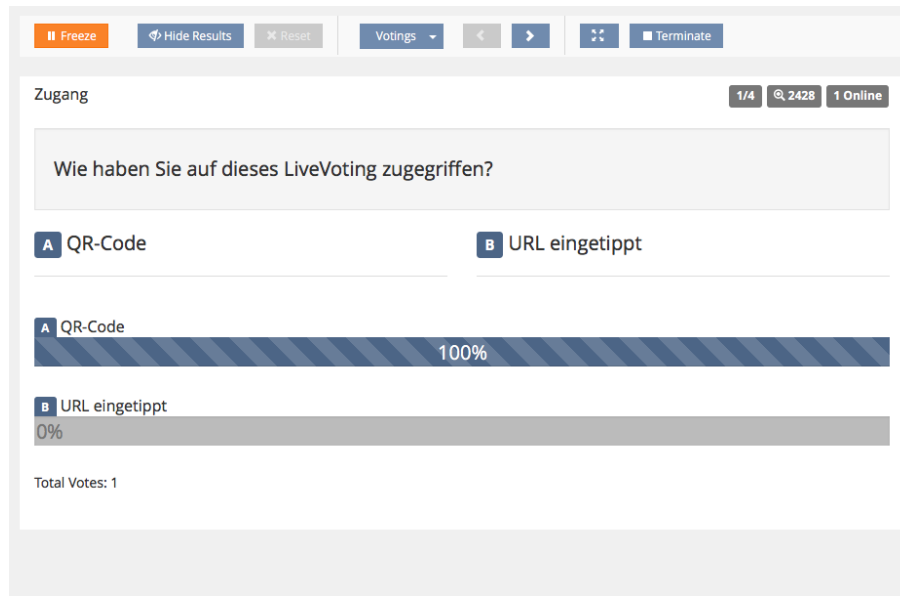


5.5 Navigating as presenter

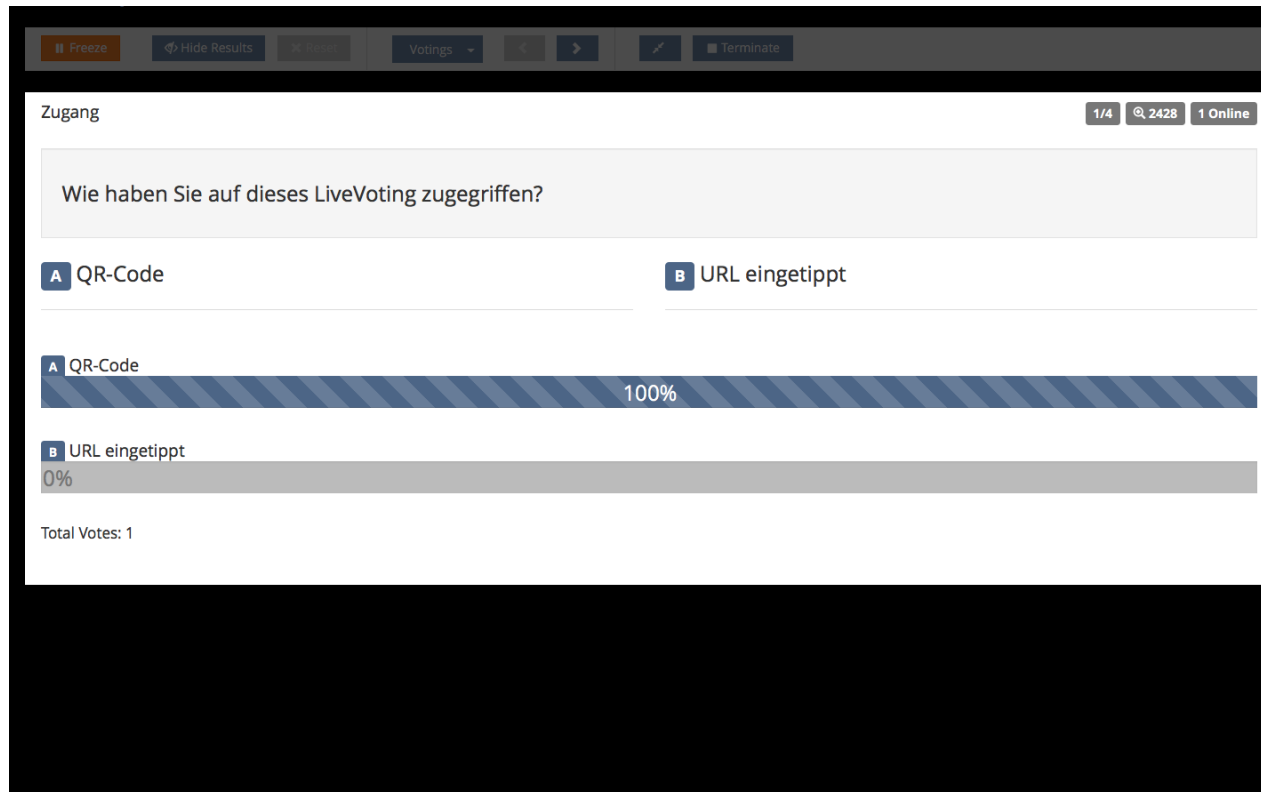
5.5.1 Freeze/Unfreeze



5.5.2 Show/Hide results



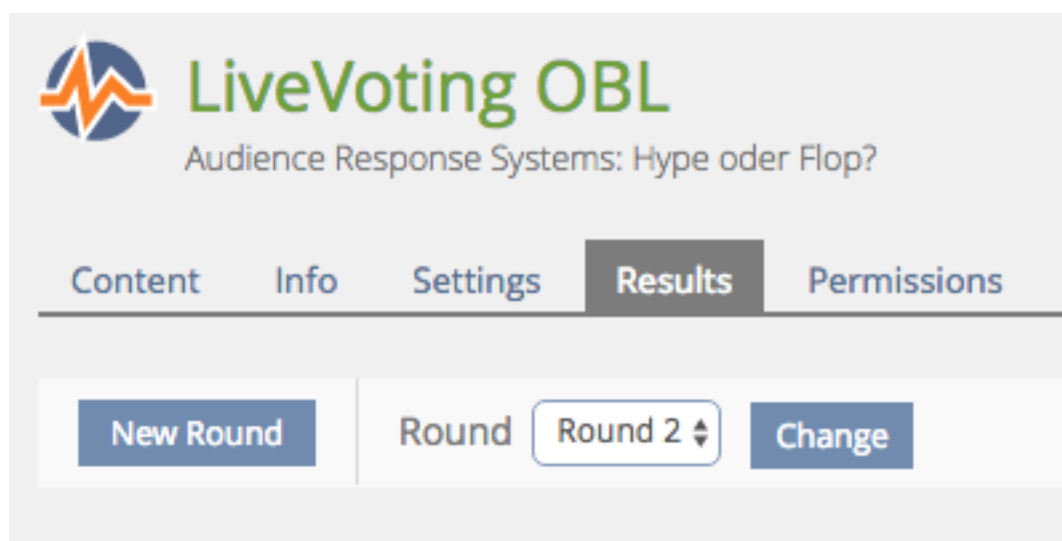
5.5.3 Fullscreen mode



5.6 Start new voting round

Now it's supported to start new rounds and keep the old voting results.

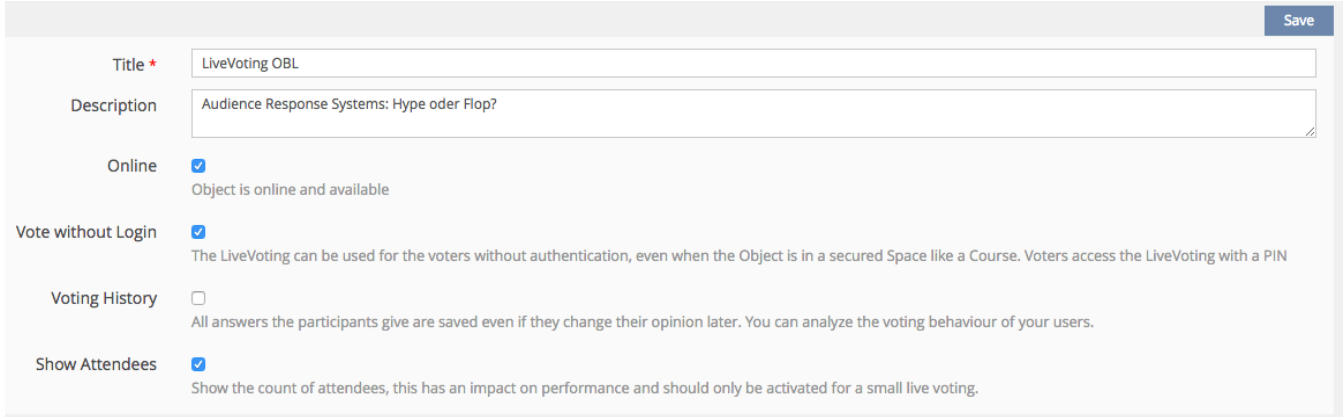
To start a new round navigate as presenter to the tap named Result and click onto the button labeled "New Round". It's important to know that you can't continue to use an old round the button Change only changes the results view and not the round of the player itself.



5.7 Presenter settings

Navigate as presenter to the tab named Settings.

5.7.1 Properties



Title * LiveVoting OBL

Description Audience Response Systems: Hype oder Flop?

Online ☒ Object is online and available

Vote without Login ☒ The LiveVoting can be used for the voters without authentication, even when the Object is in a secured Space like a Course. Voters access the LiveVoting with a PIN

Voting History ☐ All answers the participants give are saved even if they change their opinion later. You can analyze the voting behaviour of your users.

Show Attendees ☒ Show the count of attendees, this has an impact on performance and should only be activated for a small live voting.

Save

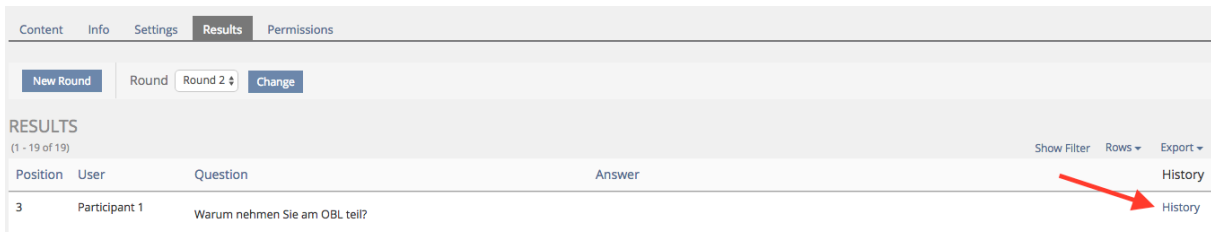
5.7.1.1 Vote without Login

The vote without login option is the recommended way to hold a LiveVoting in a big audience. This option allows participants to start the voting with a pin displayed by the presenter. If there are performance issues, this option may reduce the server load in some circumstances.

5.7.1.2 Voting History

This option activates a voting history for all participant. The voting history also includes changed votes of the participants.

Navigate as presenter to the tab named Result and click on the history link. Be aware that the history can't be generated for a LiveVoting which ran before the option was enabled.



Content Info Settings Results Permissions				
New Round Round Round 2 Change				
RESULTS (1 - 19 of 19)				
Position	User	Question	Answer	Show Filter Rows Export History
3	Participant 1	Warum nehmen Sie am OBL teil?		History

5.7.1.3 Show Attendees

The show attendees option counts the number of participants of the ongoing LiveVoting based on the configured refresh time see chapter 4.5.

5.7.2 Behaviour while navigating

- | | |
|--------------|---|
| Frozen-State | <ul style="list-style-type: none"><input checked="" type="radio"/> Question is always active after changing
Users can vote directly after switching question.<input type="radio"/> Question is always inactive after changing
Users can vote after the presentator presses the Vote-Button the question.<input type="radio"/> Reuse Status
Frozen-State is consistent after switching question. |
| Show Results | <ul style="list-style-type: none"><input checked="" type="radio"/> Results are always visible
Results are always visible after switching question.<input type="radio"/> Results are always hidden
Results are always hidden after switching question.<input type="radio"/> Reuse state
The State is consistent after switching question. |

5.7.2.1 Frozen-State

The frozen state describes the behavior of player takes after the presenter switches the question.

5.7.2.2 Show Results

The Show Results option describes the behavior of the result display after the question was changed by the presenter.