

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

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1 Introduction

2 Feature overview

PL-Version	Changes
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1.0.0	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.
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The results of a voting can be presented live!

2.0.0	Support for ILIAS 5
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3.0.0	Complete new version of ILIAS LiveVoting, featuring the following:
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- Voting types
- Multiple votings per LiveVoting session
- Presentator-driven navigation
- Better performance
- Complete Bootstrap support

3 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
```

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

3.1 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>

3.2 Configure Shortlink

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

Activate Short URL ☒

Use a Short URL like /vote by adding the following RewriteRule to your .htaccess:

RewriteRule ^vote(/lw*)\$ Customizing/global/plugins/Services/Repository/RepositoryObject/LiveVoting/pin.php?pin=\$1 [L]

Short URL

http://release_5-1.local/vote

Full Short URL of your Installation , e.g. https://ilias.domain.com/vote

Base URL

http://release_5-1.local

URL of your ILIAS-Installation incl. Subfolders, e.g. https://www.domain.com/ilias

Update

Cancel

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
```

3.3 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
```

3.4 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
```

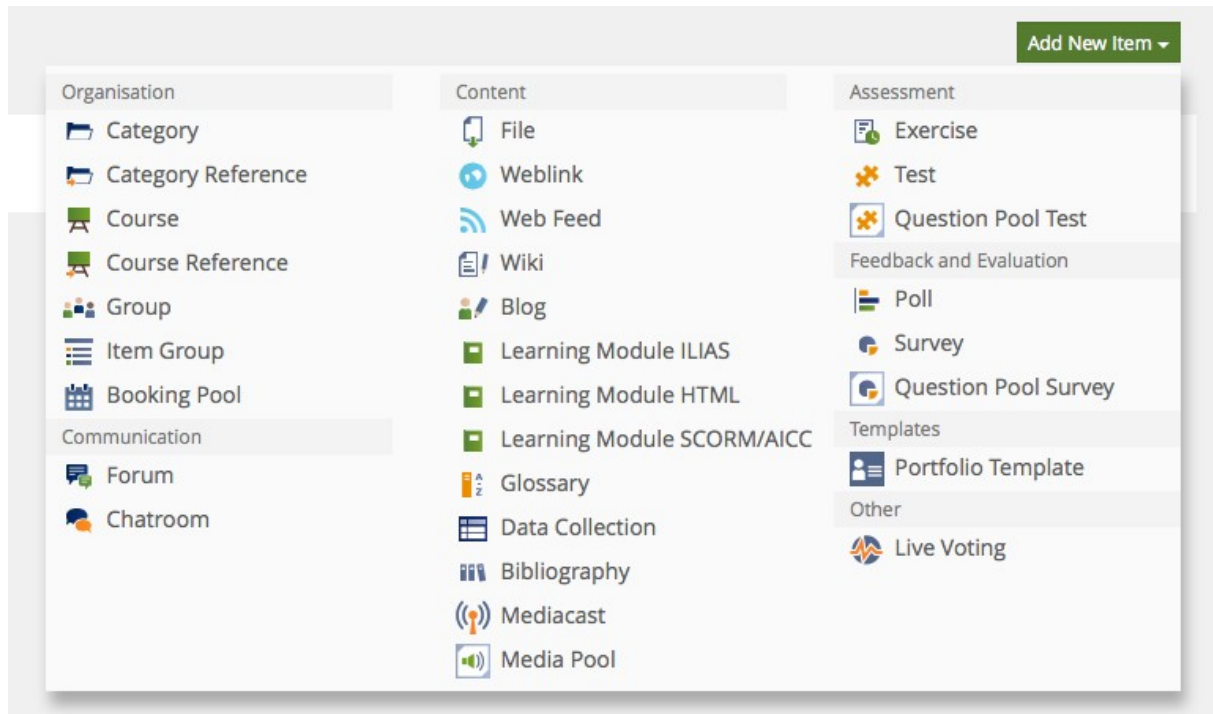
In that case you should specify the path to the ILIAS-root in a file called „path.txt“ in the plugin-root (where the file plugin.php exists). E.g.:

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

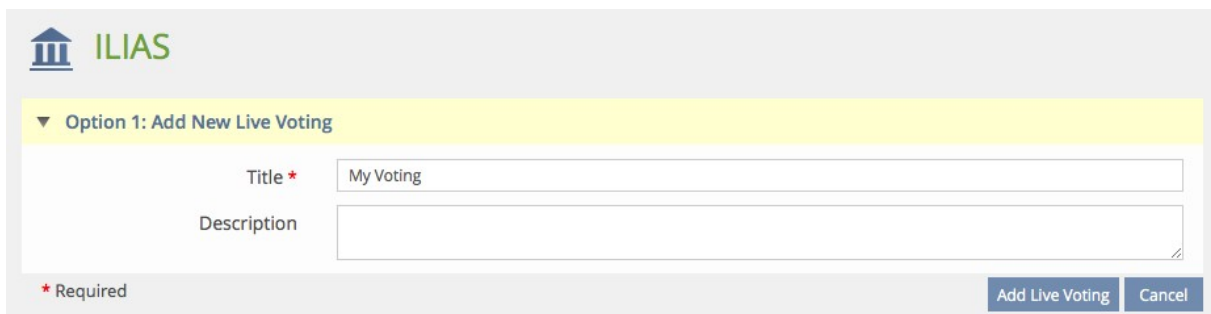
4 Usage of the plugin

4.1 Create LiveVoting sessions

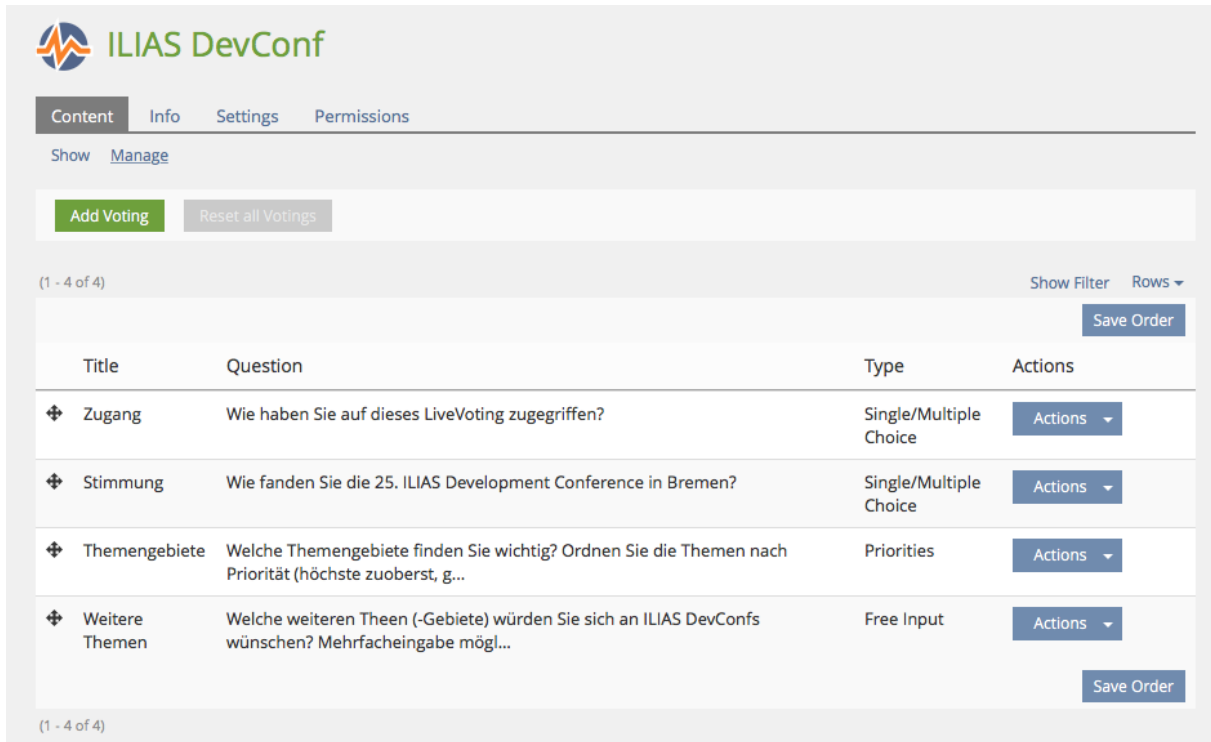
Create new voting sessions in the ILIAS-Repository:



Define a title and a description for your voting session:



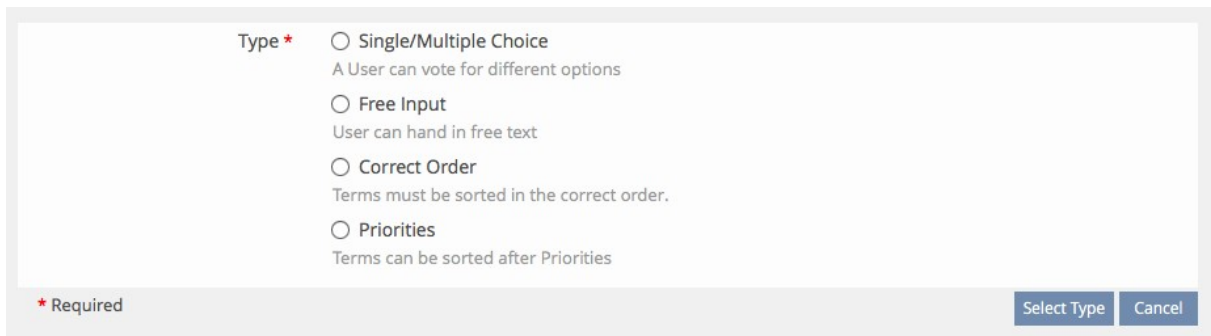
4.2 Add votings to the session



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' section. A green 'Add Voting' button is prominent. Below the button, there's a table of existing votings. The table has columns for 'Title', 'Question', 'Type', and 'Actions'. There are four rows of votings, each with an 'Actions' dropdown menu. At the bottom of the table, there's a 'Save Order' button.

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 Themen (-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 form for selecting a voting type. It has a 'Type *' label and four radio button options: 'Single/Multiple Choice', 'Free Input', 'Correct Order', and 'Priorities'. Each option has a description below it. At the bottom, there's a 'Select Type' button and a 'Cancel' button. A red asterisk indicates that the 'Type' field is required.

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:

CREATE Create Cancel

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

4.3 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.

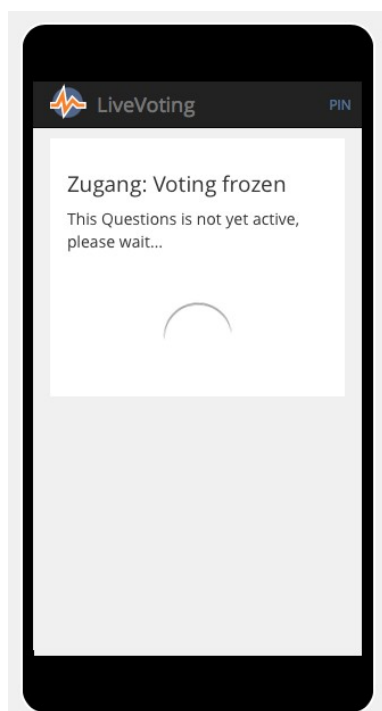
4.4 Accessing the Voting as Voter

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

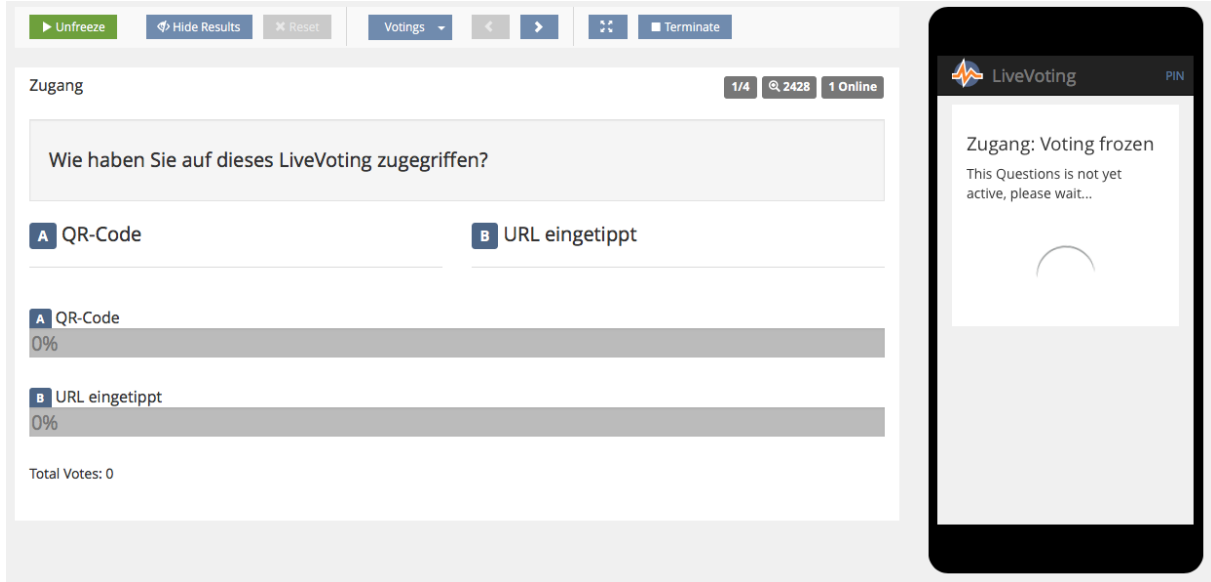


After opening the voter screen, voters will have to wait until the presenter unfreezes the voting:



4.5 Navigating as presenter

4.5.1 Freeze/Unfreeze

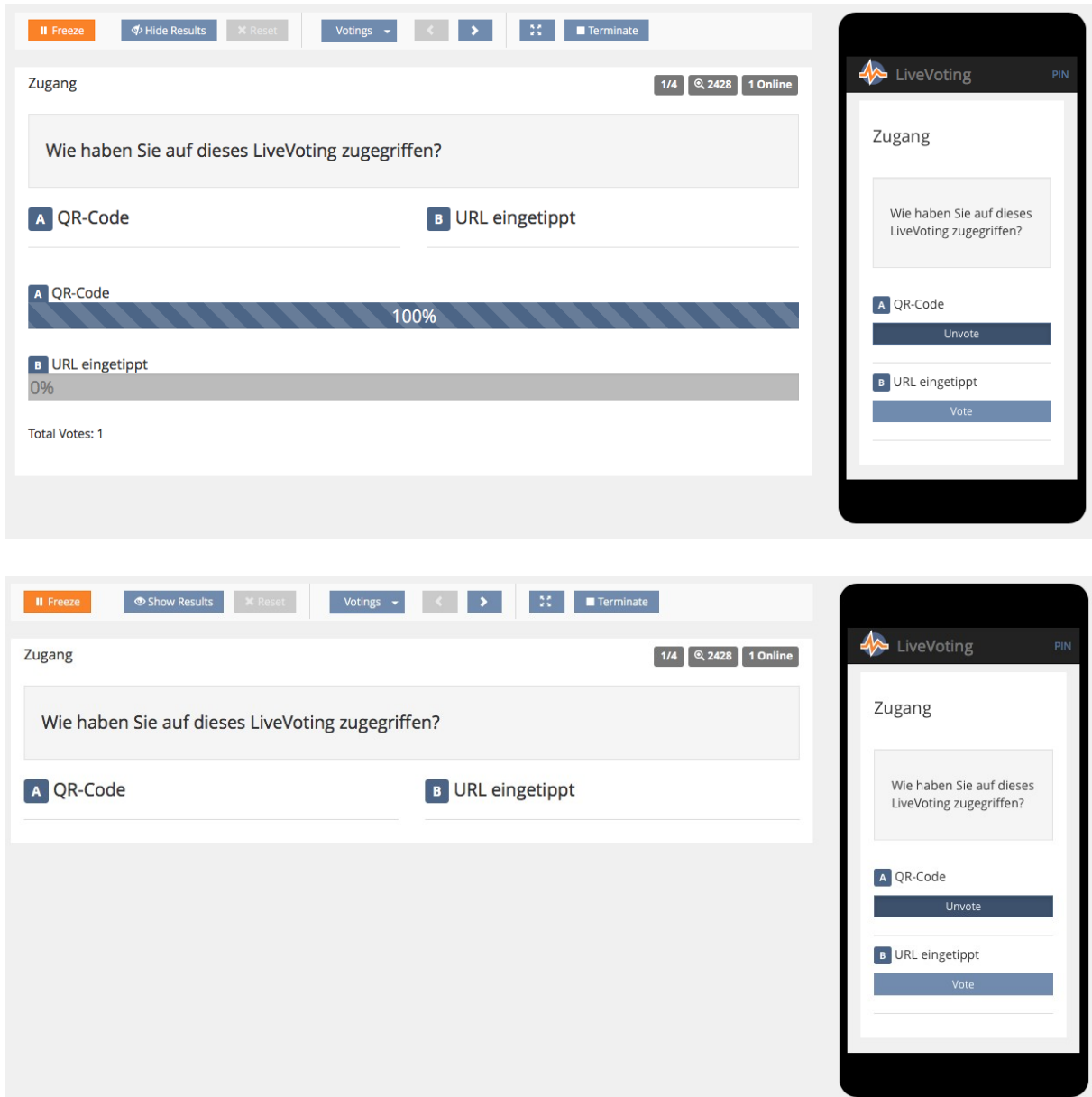


The screenshot shows the LiveVoting interface in the 'Unfreeze' state. The top navigation bar includes buttons for 'Unfreeze', 'Hide Results', 'Reset', 'Votings', and 'Terminate'. The main content area displays the question 'Wie haben Sie auf dieses LiveVoting zugegriffen?' with two options: 'A QR-Code' and 'B URL eingetippt'. Each option has a corresponding progress bar showing 0% completion. The total votes are 0. On the right, a smartphone displays the 'Zugang: Voting frozen' message, indicating that the voting is currently frozen.



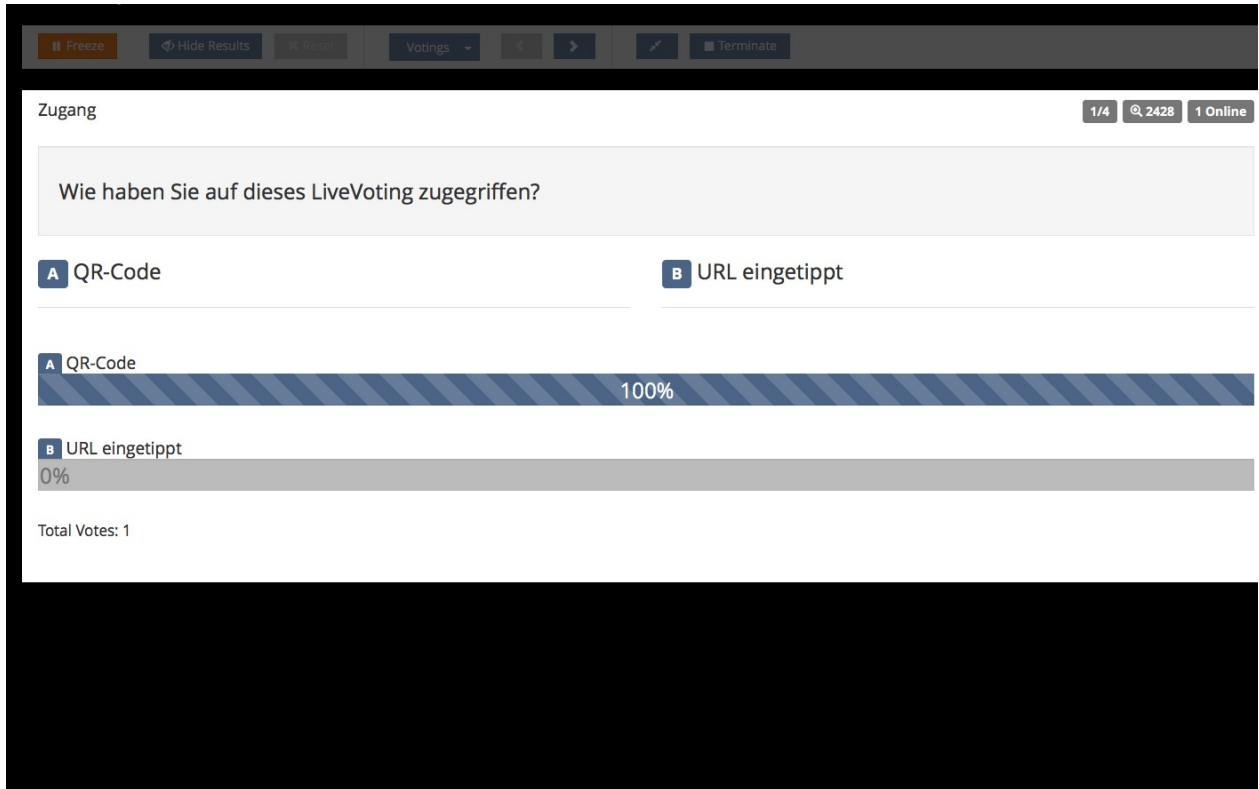
The screenshot shows the LiveVoting interface in the 'Freeze' state. The top navigation bar includes buttons for 'Freeze', 'Hide Results', 'Reset', 'Votings', and 'Terminate'. The main content area displays the same question and options as the previous screenshot. On the right, a smartphone displays the 'Zugang' screen with the question and options, and 'Vote' buttons for each, indicating that the voting is now active.

4.5.2 Show/Hide results



The screenshot displays the LiveVoting interface in two states: 'Hide Results' (top) and 'Show Results' (bottom). The web interface on the left includes a top navigation bar with buttons for 'Freeze', 'Hide Results' (or 'Show Results'), 'Reset', 'Votings', navigation arrows, a grid icon, and 'Terminate'. The main content area is titled 'Zugang' and shows a poll question: 'Wie haben Sie auf dieses LiveVoting zugegriffen?'. Two options are listed: 'A QR-Code' and 'B URL eingetippt'. In the 'Hide Results' state, 'A QR-Code' has a 100% progress bar, while 'B URL eingetippt' has a 0% progress bar. The total votes are 1. In the 'Show Results' state, the progress bars are hidden. The mobile app on the right mirrors the web interface, showing the same poll question and options. The 'Unvote' button is visible for option A, and the 'Vote' button is visible for option B.

4.5.3 Fullscreen mode



Freeze **Hide Results** **Retire** **Votings** **Terminate**

Zugang 1/4 2428 1 Online

Wie haben Sie auf dieses LiveVoting zugegriffen?

A QR-Code **B** URL eingetippt

A QR-Code 100%

B URL eingetippt 0%

Total Votes: 1