

Polyphase Class Onboarding

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FOR INSTRUCTORS - setting up accounts and chatroom for a new polyphase course

when starting a new polyphase portal course we want to create a chatroom where all members of the course can communicate.

this guide will walk through the steps to set this up.

1. collecting information from students

first step is to collect the information from the students needed to set up this up. here is the info required:

- the students **email** - you should already have this from when they signed up for the course
- *optional*: their preferred **matrix user_id** - your *display name* in the chatroom can be changed at any time, however your *user_id* (for example `@cyberboy666:polyphaseportal.xyz`) is fixed on creation - therefore it could be nice to ask if people have a preference for this - the fallback if none is given is to use the username of the email provided (eg `tim` if the email was `tim@cyberboy666.com`)

2. prepare info and run onboarding helper script

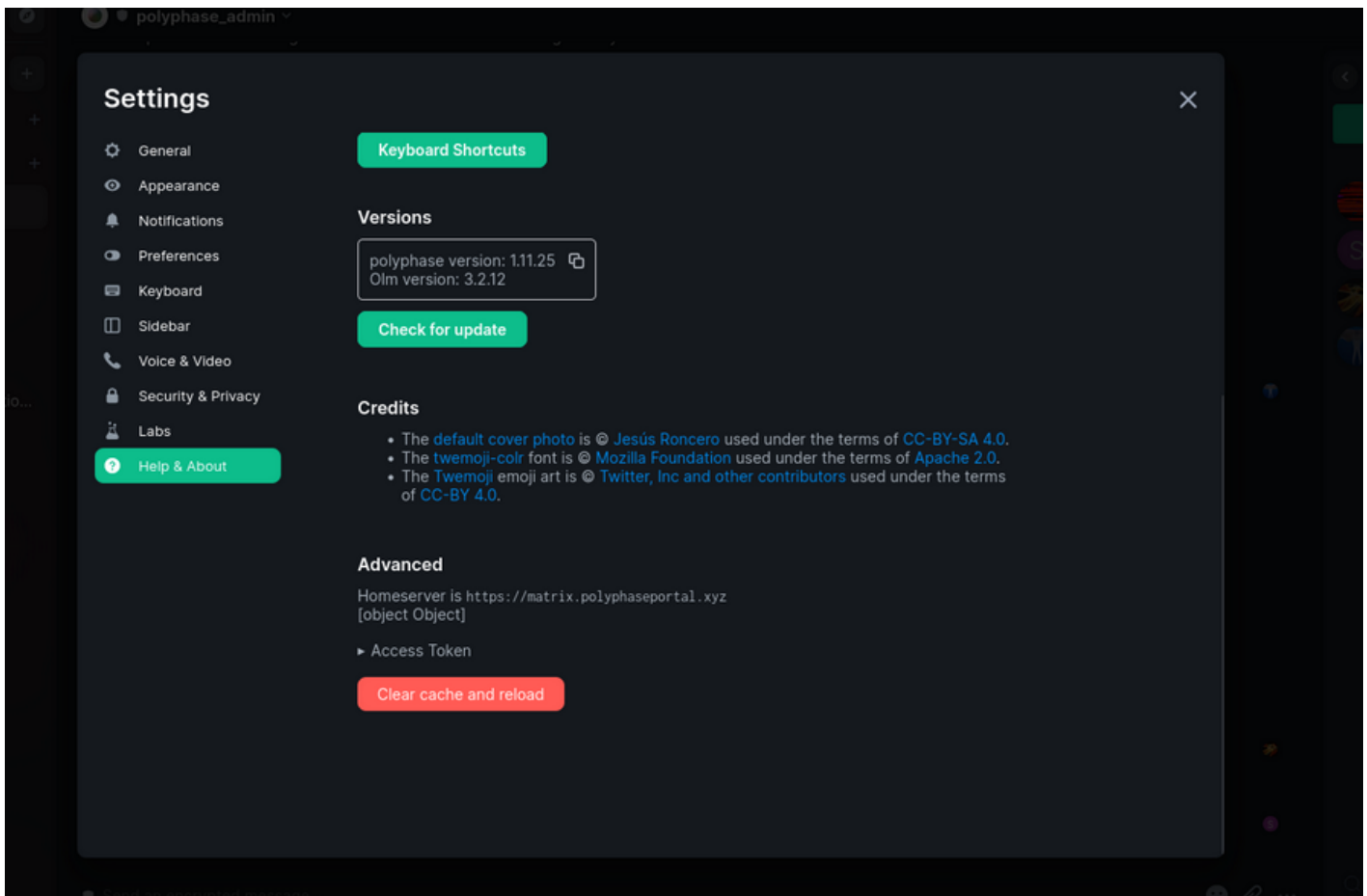
the next step is to run the *onboarding helper script* that we use to create new accounts and add them to a new chatroom - you will need admin access to the polyphase servers to do this step - ask for help on this step if you do not have these permissions:

- prepare the class info (email address + optional account handle name) into a python readable nested list like this:


```
'a@mail.com', "a_name"], ["b@mail.com", ""], ...
```

here empty string in handle name will default to start of email address)

Grab your matrix access token from the settings in element -> all settings -> help & about
-> access token



- grab the *polyphase-rooms* server ip-address and password from admin shared password store
- ssh onto the rooms server: from terminal type in `ssh root@<ip-address>` and then give server password when prompted - if your terminal now says `root@polyphase-rooms: ~#` you are in the right place!
- run the helper script by typing: `python3 polyphase_onboarding_helper.py` and follow the prompts

A terminal window with a dark background. The prompt 'root@polyphase-rooms:~#' is visible at the top left, followed by a white cursor bar.

```
root@polyphase-rooms:~#
```

3. sharing login info with students

now that the accounts have been created you can let the students know and ask them to try and login. *their temporary password is the same as their email address* - they will be forced to set a new password on first login.

you can also link them to this wiki page with some more info about logging in and setting up chatroom on mobile through the element app - [FOR STUDENTS - accessing the polyphase chatroom](#)

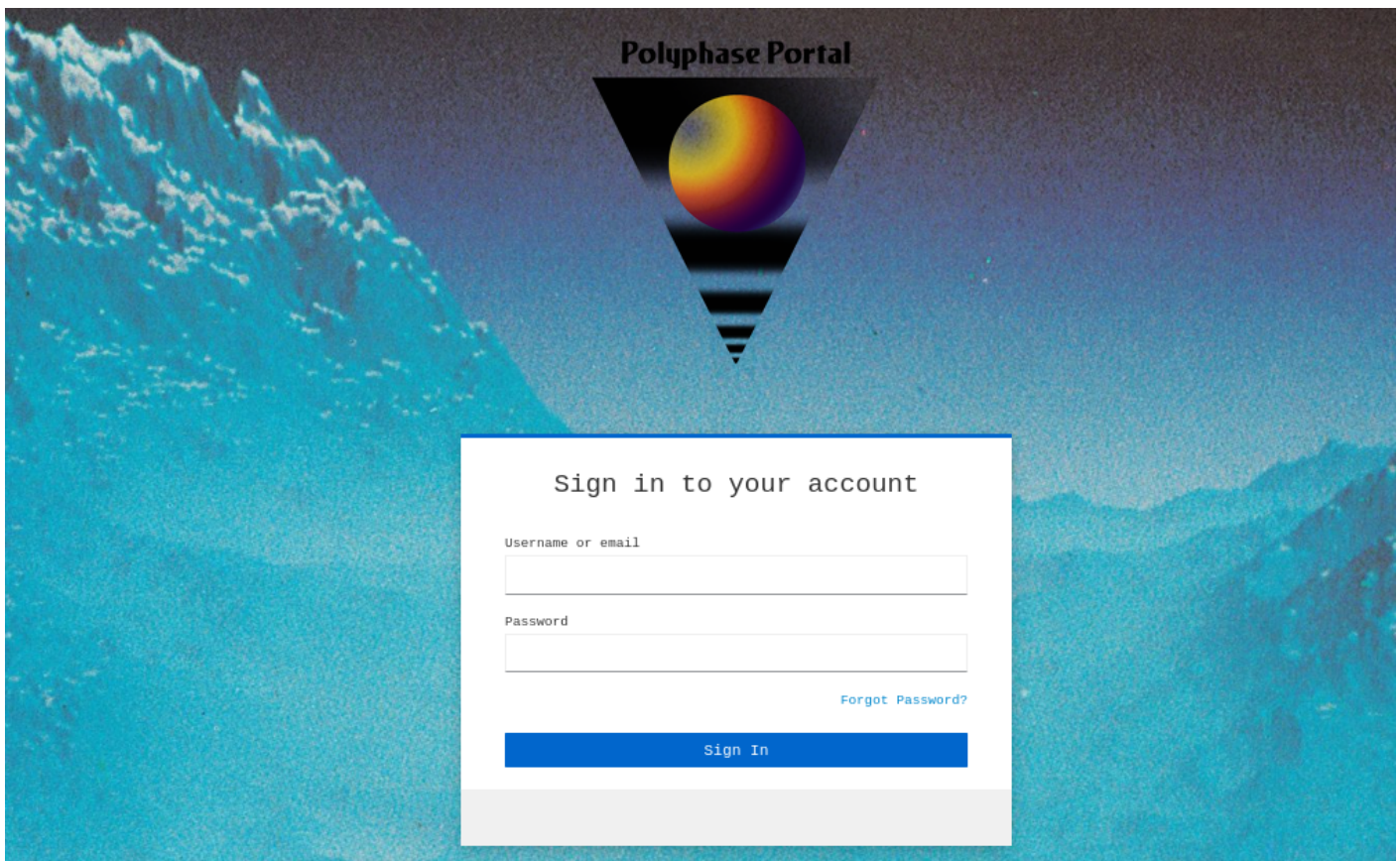
FOR STUDENTS - accessing the polyphase chatroom

Polyphase Portal runs on self-hosted open-source infrastructure. this is to ensure we hold the power to meet our specific software needs, to protect the data and privacy of our users and to align with our collective ethics.

our chatroom is using the open-source messaging protocol [matrix](#) and the frontend client [element](#)

access polyphase chatroom from a browser

- go to the webpage matrix.polyphaseportal.xyz
- this will redirect you to our **polyphase** login page:



Polyphase Portal

Sign in to your account

Username or email

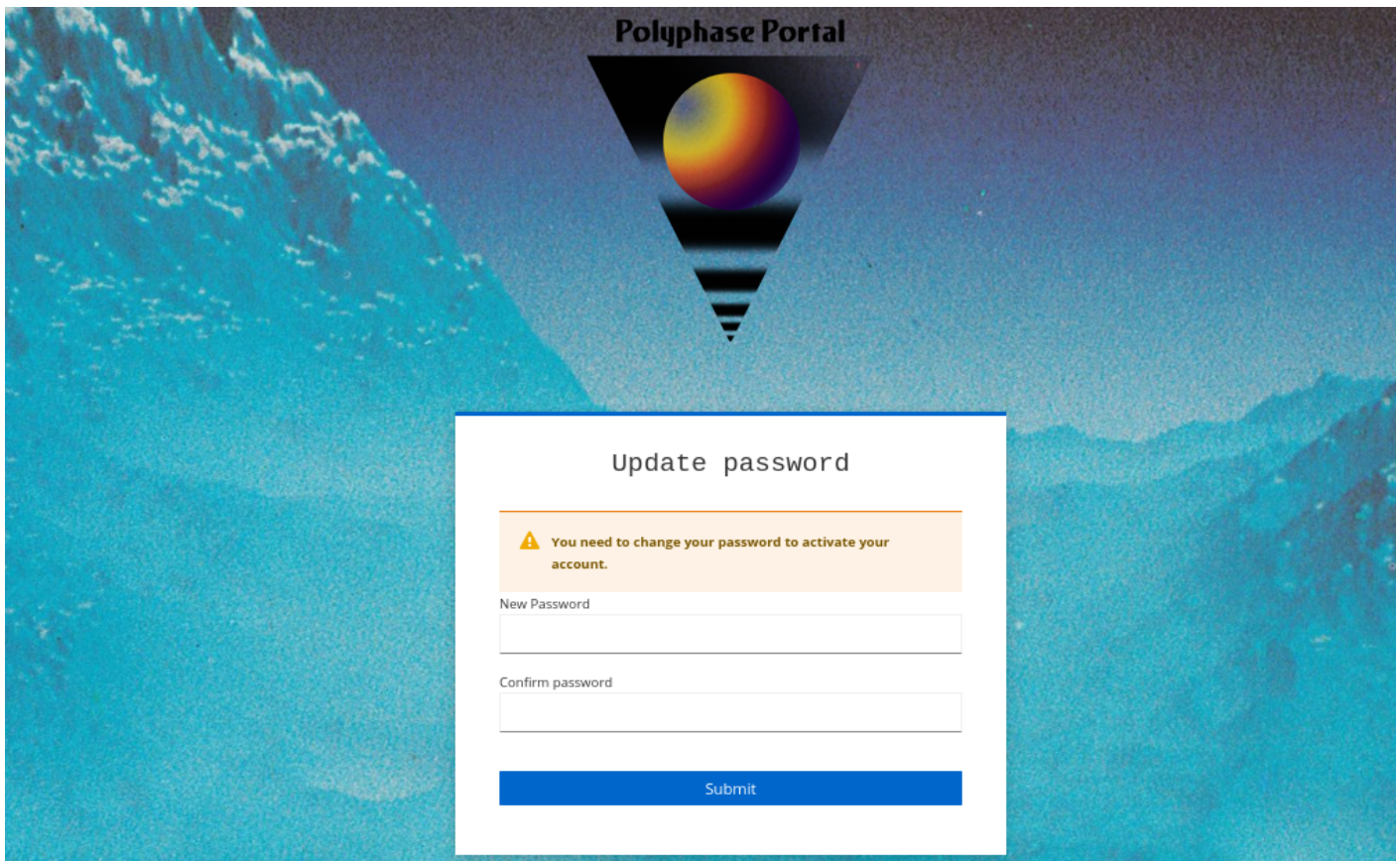
Password

[Forgot Password?](#)

Sign In

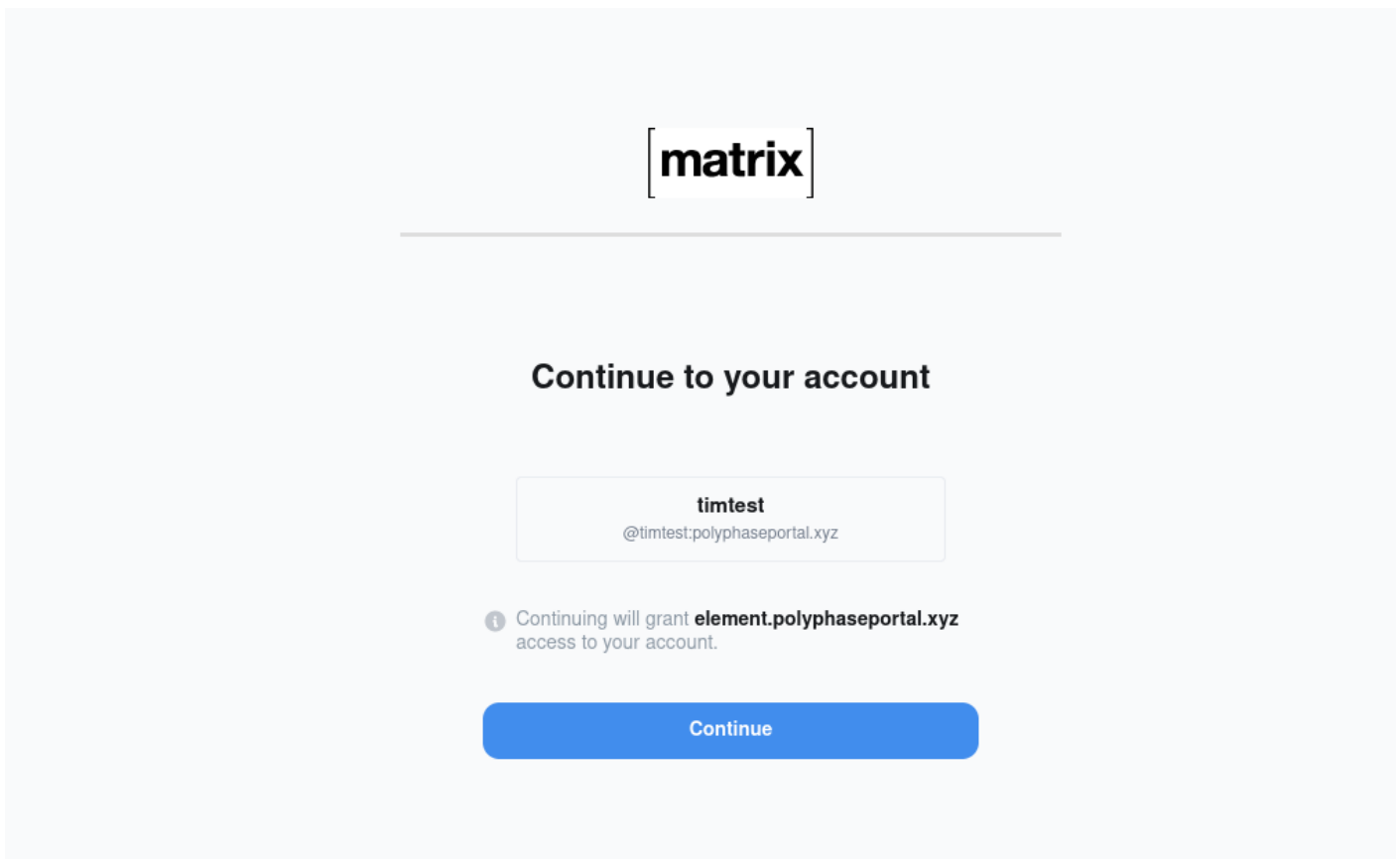
if this is your first time logging in then put your **EMAIL** into both fields

- you will then be forced to set a new password:

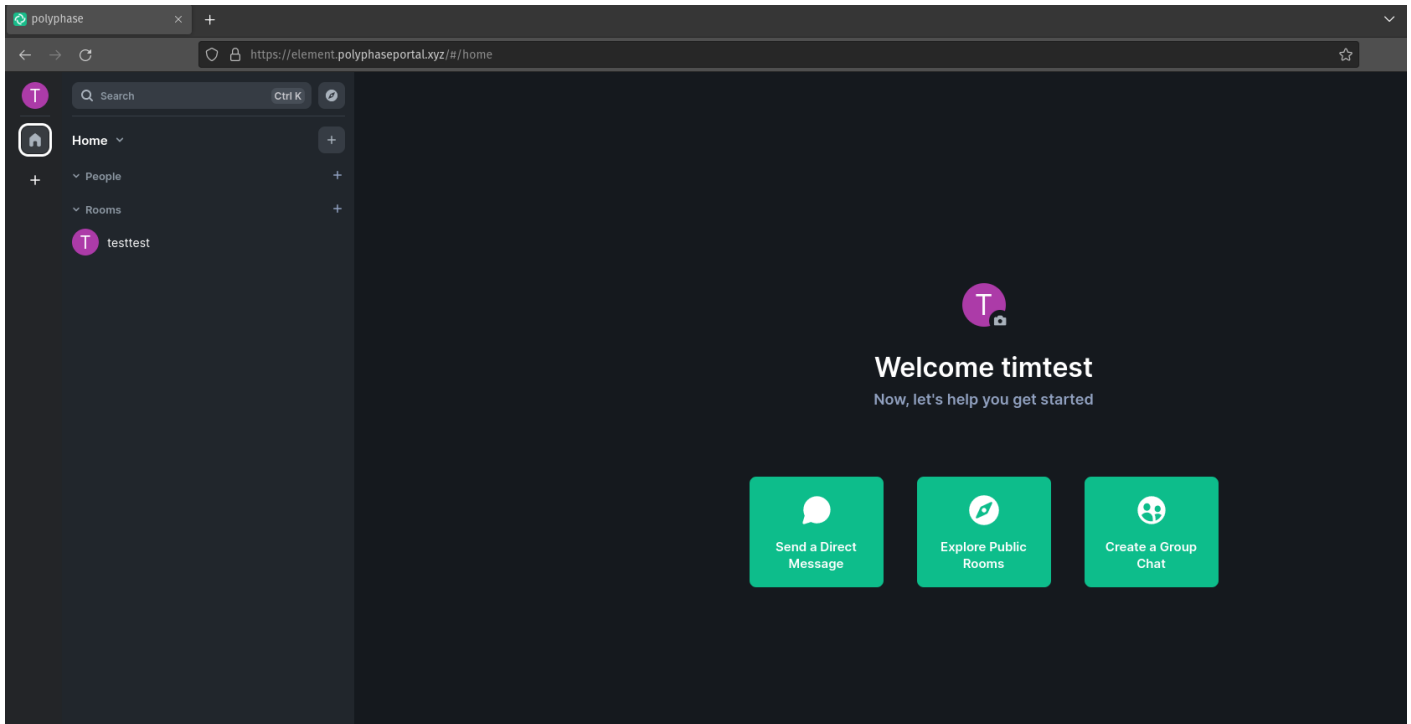


The image shows a web interface for the 'Polyphase Portal'. At the top, there is a logo consisting of a black triangle with a colorful sphere (yellow, orange, red, purple) inside it. Below the logo, the text 'Polyphase Portal' is displayed. The main content area is a white box with a blue border. Inside this box, the title 'Update password' is centered. Below the title, there is a yellow warning box with a triangle icon and the text 'You need to change your password to activate your account.' Below the warning box, there are two input fields: 'New Password' and 'Confirm password'. At the bottom of the white box, there is a blue button labeled 'Submit'.

- before proceeding to the **chatroom**:



The image shows a web interface for a chatroom. At the top, the word 'matrix' is displayed in a white box with black brackets. Below this, there is a horizontal line. The main content area is a white box with a blue border. Inside this box, the title 'Continue to your account' is centered. Below the title, there is a white box with a blue border containing the text 'timestest' and '@timestest:polyphaseportal.xyz'. Below this box, there is a blue button labeled 'Continue'.



on the left hand side you should already see the chatroom for the course you have signed up for.

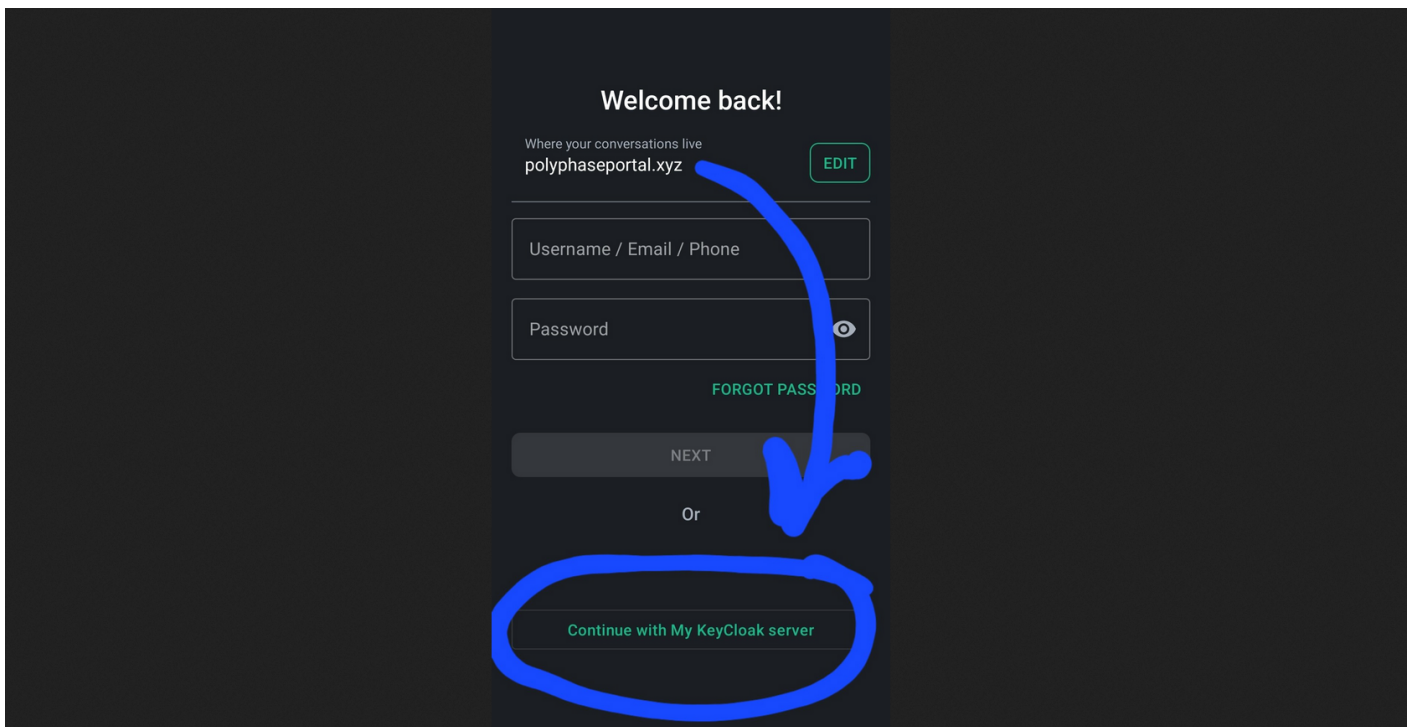
you can also explore the public rooms (such as our main **welcome** room) by clicking the `+` button next to `Home` and then `join public room`

access polyphase chatroom from the mobile app

if you want to access the chatroom from your phone you can download the [element app](#) from your chosen app store

when logging in through the app you just need to tell it which server you are joining:

`polyphaseportal. xyz` (since there are many different communities using different instances of this same software)



- when you see this login screen in the app you need to first put in the server name up top - press **EDIT** under *where your conversations live* and enter in `polyphaseportal. xyz`
- next you need to **SKIP PAST THE USERNAME AND PASSWORD FIELD** and scroll down to the button `Continue with My KeyCloak server`
- this will take you to our **polyphase login** page (with the blue mountains) where you need to enter email and password
- same as above if it is your first time logging into your account put your EMAIL into both fields - you will be forced to set a password before taken to the app