Setting up Keycloak

Using this Docker compose file:

keycloak:

image: quay.io/keycloak/keycloak:12.0.2

container\_name: keycloak

ports:

- 8080:8080

- 8443:8433

restart: unless-stopped

environment:

# Credentials for admin account

# -----------------------------

KEYCLOAK\_USER: "admin"

KEYCLOAK\_PASSWORD: "admin"

# Credentials for storing into an external database

# -------------------------------------------------

# DB\_VENDOR: "mysql"

# DB\_ADDR:

# DB\_PORT:

# DB\_DATABASE:

# DB\_USER:

# DB\_PASSWORD:

Create realm as follow:

Graphical user interface, text, application, email

Description automatically generated

Now in this realm:

Graphical user interface, application

Description automatically generated

Add some users:

Graphical user interface, text, application

Description automatically generated

Then add manager and buyer roles:

Graphical user interface, application

Description automatically generated

Then add roles to the users:

Graphical user interface, application, Word

Description automatically generated

In client scopes select roles:A screenshot of a computer

Description automatically generated

Click on Mappers and client roles:

Graphical user interface

Description automatically generated with medium confidence

Set Token Claim Name as follow:

Graphical user interface, application

Description automatically generated

With this last setting you can load the roles as an attribute inside of the JWT:

Text, timeline

Description automatically generated with medium confidence