

# Start application

Prerequisites:

- Java SE 8
- Maven

Go to repository.

In Windows PowerShell:

```
mvn clean package; java -jar .\target\jabber-0.0.1-SNAPSHOT.jar
```

In Linux:

```
mvn clean package && java -jar ./target/jabber-0.0.1-SNAPSHOT.jar
```

Use <http://localhost:8080/> as a root for following actions.

## Add message

Adding new message by user.

- **URL**

`/:username/messages`

- **Method:**

`POST`

- **URL Params**

**Required:**

`username=[string]`

- **Data Params**

`{"messageText":"Message text example."}`

- **Success Response:**

- **Code:** 204
- Content:** None

- **Error Response:**

- **Code:** 404 BAD REQUEST
- Content:** `{ error : "Invalid operation. Message to long." }`

## List messages(wall)

List all user messages for a user.

- **URL**

`/:username/messages`

- **Method:**

`GET`

- **URL Params**

**Required:**

`username=[string]`

- **Data Params**

None

- **Success Response:**

- **Code:** 200

**Content:** [{"postingDate":"2018-02-20T09:38:27.204","creator":"user1","messageText":"Second example message."},{ "postingDate":"2018-02-20T09:38:14.284","creator":"user1","messageText":"First example message."}]

- **Error Response:**

- **Code:** 404 BAD REQUEST

**Content:** { error : "User user1 not found." }

## Follow user

Set user to follow another user.

- **URL**

`/:username1/followee/:username2`

- **Method:**

`POST`

- **URL Params**

**Required:**

`username1=[string]`

`username2=[string]`

- **Data Params**

None

- **Success Response:**
  - **Code:** 204  
**Content:** None
- **Error Response:**
  - **Code:** 404 BAD REQUEST  
**Content:** { error : " User user1 not found." }

## List followee messages

List all messages of followed users.

- **URL**

/:username/followeeMessages

- **Method:**

GET

- **URL Params**

**Required:**

username=[string]

- **Data Params**

None

- **Success Response:**
  - **Code:** 200  
**Content:** [{"postingDate":"2018-02-20T09:49:47.131","creator":"user2","messageText":"Second example message."},{ "postingDate":"2018-02-20T09:49:35.271","creator":"user2","messageText":"First example message."}]
- **Error Response:**
  - **Code:** 404 BAD REQUEST  
**Content:** { error : " User user1 not found." }