# Running MovieRama Application

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# 25/9/2024

Table of Contents

[Running MovieRama Application 1](#_Toc178161472)

[Dimosthenis Manias 1](#_Toc178161473)

[25/9/2024 1](#_Toc178161474)

[1. Prerequisites 3](#_Toc178161475)

[2. Database Setup 3](#_Toc178161476)

[3. Application Configuration (Optional) 3](#_Toc178161477)

[4. Running the Application 4](#_Toc178161478)

[5. Accessing the Application 4](#_Toc178161479)

[6. Using the Application 5](#_Toc178161480)

[a. Registering a New User 5](#_Toc178161481)

[b. Logging In 5](#_Toc178161482)

[c. Adding a Movie 6](#_Toc178161483)

[d. Viewing and Interacting with Movies 6](#_Toc178161484)

[7. Troubleshooting 7](#_Toc178161485)

[8. Stopping the Application 7](#_Toc178161486)

**List of Figures**

[Image 1. Application’s startup 3](#_Toc178161362)

[Image 2. MovieRama homepage 4](#_Toc178161363)

[Image 3. Registration page 4](#_Toc178161364)

[Image 4. Login page 5](#_Toc178161365)

[Image 5. Add movie form 5](#_Toc178161366)

[Image 6. Movie listing page 6](#_Toc178161367)

## 1. Prerequisites

- Java Runtime Environment (JRE) 17 or later

- PostgreSQL 13 or later

## 

## 2. Database Setup

If you want to use a custom database configuration:

- Install PostgreSQL if not already installed

- The application will automatically create the necessary database schema on first run

## 

## 3. Application Configuration (Optional)

The application should run with default settings, but if you need to customize:

- Locate the `movierama-0.0.1-SNAPSHOT.jar` file in the provided package

- In the same directory as the JAR file, you can create a new file named `application.properties` if you need to override any default settings

- If created, open `application.properties` in a text editor and add any custom configurations, such as:

spring.datasource.url=jdbc:postgresql://localhost:5432/movierama\_db

spring.datasource.username=your\_username

spring.datasource.password=your\_password

Note: If you don't create this file, the application will use its default embedded configuration.

## 

## 4. Running the Application

- Open a terminal or command prompt

- Navigate to the directory containing the JAR file

- Run the following command:

java -jar movierama-0.0.1-SNAPSHOT.jar

- Wait for the application to start up. You should see log messages indicating that the server has started.

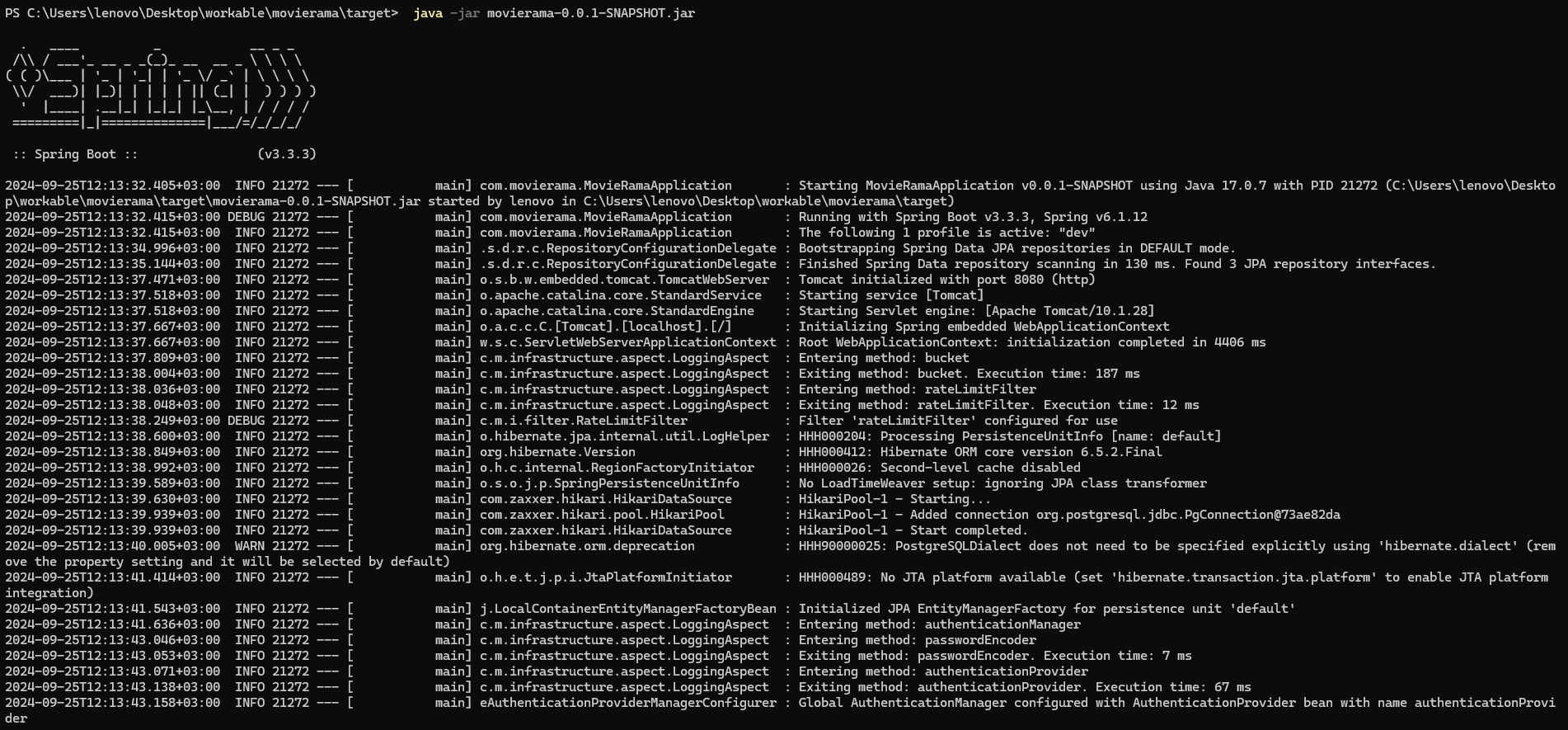


Image 1. Application’s startup

## 5. Accessing the Application

- Open a web browser

- Go to http://localhost:8080

- You should see the MovieRama homepage

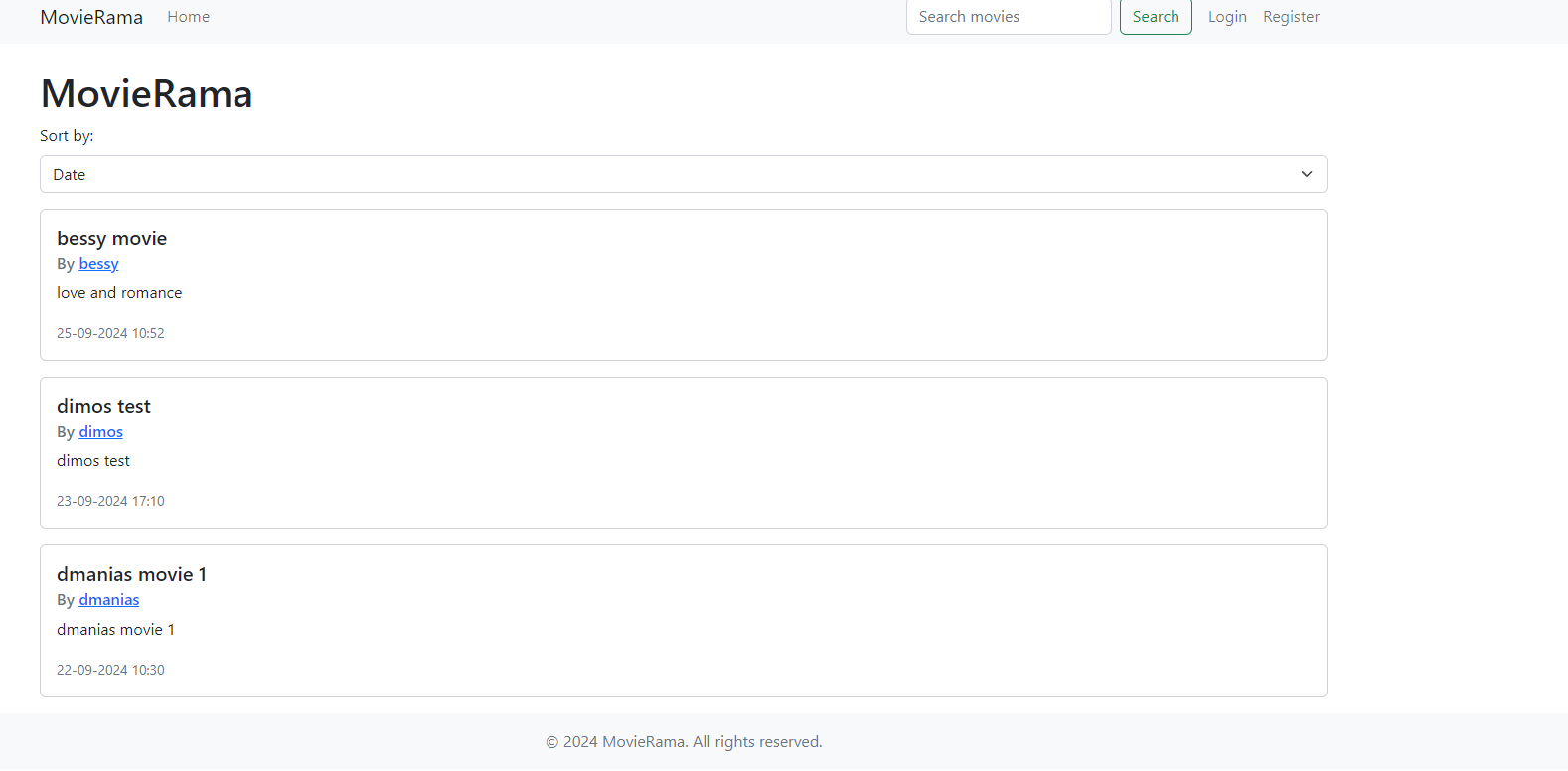


Image 2. MovieRama homepage

## 6. Using the Application

### a. Registering a New User

- Click on the "Register" link

- Fill in the registration form with a username, email, and password

- Click "Register" to create your account



Image 3. Registration page

### b. Logging In

- Click on the "Login" link

- Enter your username and password

- Click "Login" to access your account

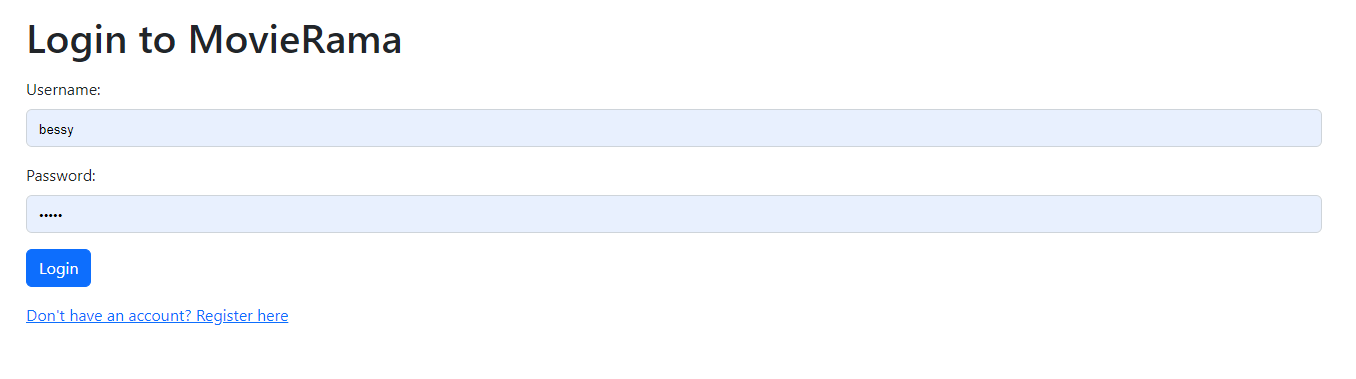


Image 4. Login page

### c. Adding a Movie

- Once logged in, click on the "Add Movie" button

- Fill in the movie title and description

- Click "Submit" to add the movie

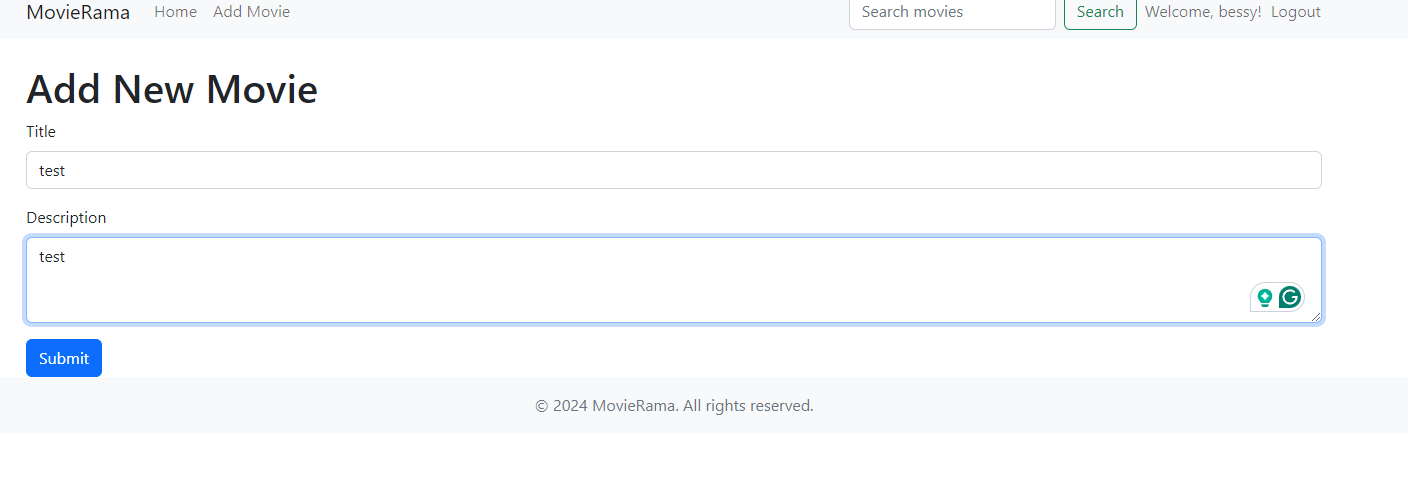


Image 5. Add movie form

### d. Viewing and Interacting with Movies

- On the homepage, you'll see a list of all added movies

- Click on the like or dislike buttons to vote on movies

- Use the search bar to find specific movies



Image 6. Search bar for movies functionality

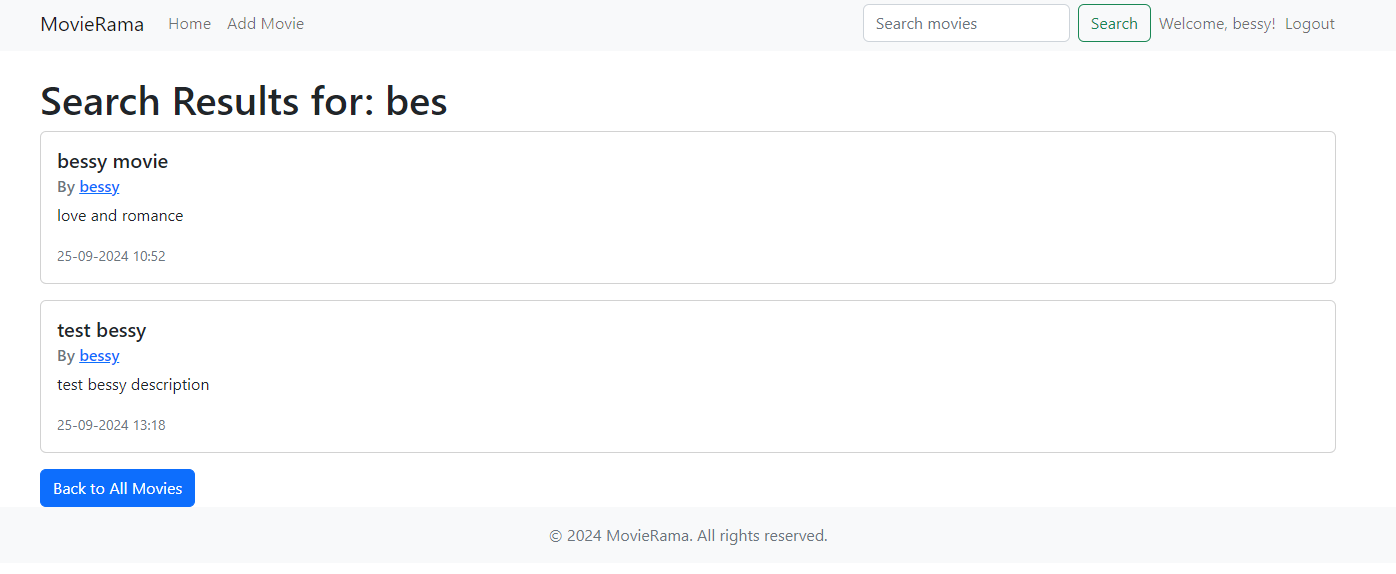


Image 7. Search result for 'bes' search

- Use the sorting options to order movies by likes, hates, or date added

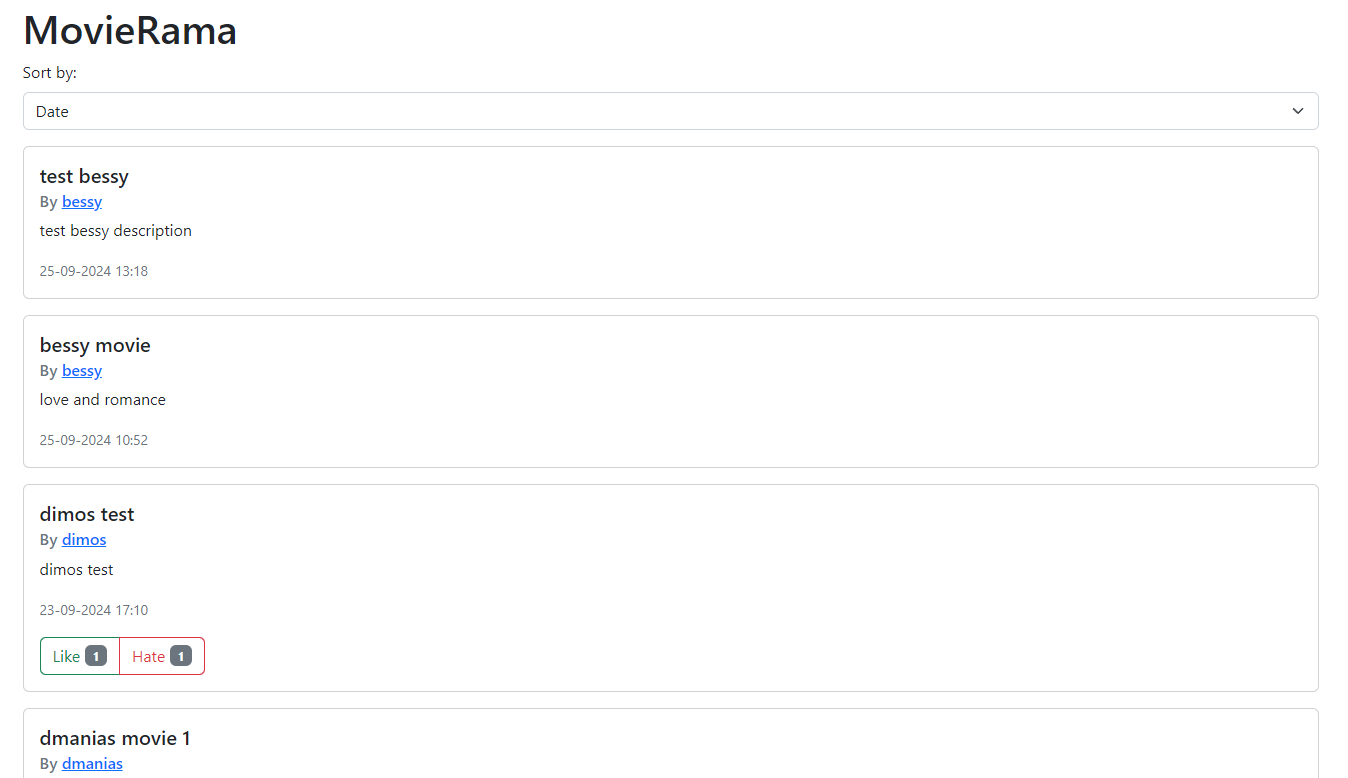


Image 8. Movie listing page

- Logged-in users can view a list of movies they have added on their profile page.

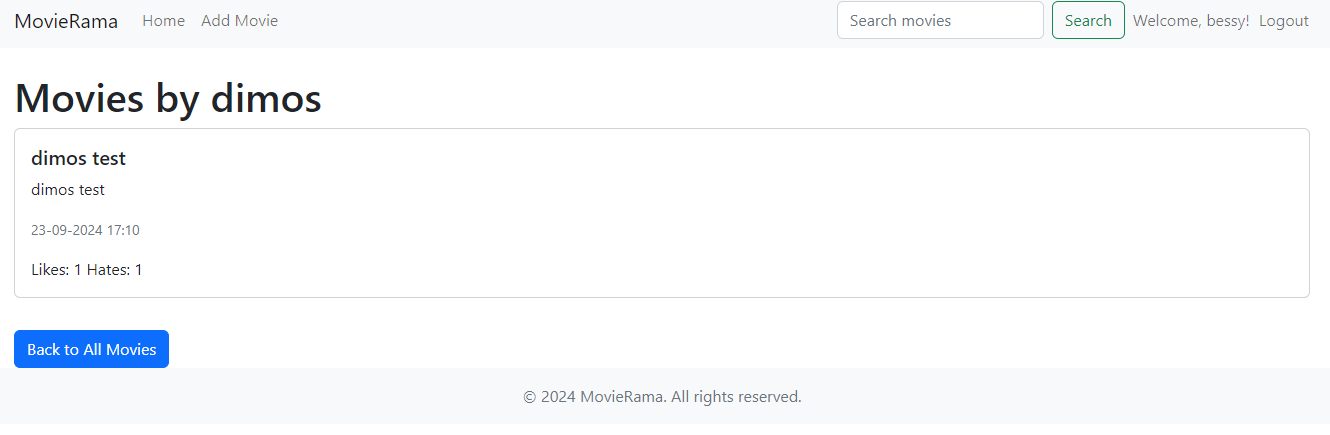


Image 9. User's movie list on profile page

### 7. Troubleshooting

- If you see a "port already in use" error, you can specify a different port:

java -jar movierama-0.0.1-SNAPSHOT.jar --server.port=8081

- Ensure that PostgreSQL is running and the database is accessible

- Check the console output for any error messages

- If you encounter any database connection issues, double-check your database credentials in the `application.properties` file

### 8. Stopping the Application

- To stop the application, return to the terminal where it's running

- Press Ctrl+C (or Cmd+C on Mac) to stop the server

For any additional questions or issues, please contact:

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