

# Application Setup and Execution Guide

## Prerequisites

- Ensure **Python 3.10** is installed on your system.
- Ensure you have the necessary permissions to execute shell scripts.

## Running the Application

### Step 1: Start the Rasa Server

1. Execute the `run_rasa.sh` script to start the Rasa server.

```
1 ./run_rasa.sh
2
```

2. **First Run:**

- The script will create a new Python 3.10 virtual environment named `rasa_env` in the project's root directory.
- Rasa will be installed automatically in this environment.
- This process may take approximately **10 minutes** due to the creation of the virtual environment and installation of dependencies.

3. **Subsequent Runs:**

- The script will reuse the existing `rasa_env` virtual environment.
- The server will start much faster.

4. **Note:**

- Ensure the Rasa server is fully up and running before proceeding to the next step.

## Step 2: Start the Application

1. Once the Rasa server is running, execute the `run_app.sh` script to start the application.

```
1 ./run_app.sh
2
```

2. The application will launch and connect to the Rasa server.

## Troubleshooting

- **Virtual Environment Issues:**

- If the `rasa_env` virtual environment becomes corrupted or needs to be recreated, delete the `rasa_env` folder and rerun `run_rasa.sh`.
- To delete the virtual environment, run:

```
1 rm -rf rasa_env
2
```

- **Permissions:**

- If the scripts are not executable, grant execution permissions using:

```
1 chmod +x run_rasa.sh run_app.sh
2
```

## Summary

1. Run `run_rasa.sh` to start the Rasa server.
2. Run `run_app.sh` to start the application after the Rasa server is running.