

Installation Guide

Simple DTU Pay

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This document describes how to set up and access the Simple DTU Pay application.

1 Introduction

This guide provides step-by-step instructions for cloning, building and accessing the **Simple DTU Pay** application developed by Group 4.

The project is hosted on the DTU Linux VM and uses Jenkins for CI/CD.

2 Prerequisites

Before you begin, ensure you have:

- Git installed
- JDK21 (Java)
- Maven
- Docker Engine and Docker Compose

3 Cloning the Repository

1. Open a terminal
2. Create and enter a new directory:

```
1 mkdir simple-dtu-pay
2 cd simple-dtu-pay
```

3. Clone the repository:

```
1 git clone https://github.com/02267group4/simple-dtu-pay.git .
```

4 Launch services and run tests

4. Export required env vars before building/running:

```
1 export BANK_API_KEY="eagle0192"
```

5 Launch services and run tests

5. Start services:

```
1 sudo docker-compose up -d --build
```

6. Launch additional terminal window:

```
1 gnome-terminal
```

7. Enter root directory:

```
1 cd simple_dtu_pay/
```

8. Run tests:

```
1 mvn clean verify
```

6 Jenkins – Continuous Integration

URL <http://fm-04.compute.dtu.dk:8282/>

Username huba

Password 1234

7 Accessing the Group 4 Linux VM

SSH access to the deployment / test server:

```
1 ssh -i /path/to/your/fm-04-key huba@fm-04.compute.dtu.dk
```

Username huba

Password 1234