

Inlyne – Install Guide and User Manual

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Install Guide

Prerequisites

This setup assumes a **Unix-based system (macOS or Linux)**.

Java 17+

Verify installation:

bash

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```
java -version
```

1. If not installed:

macOS:

bash

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```
brew install openjdk@17
```

○

Linux (Debian/Ubuntu):

bash

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```
sudo apt install openjdk-17-jdk
```

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Maven (dependency manager/build tool)

Verify installation:

```
bash
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mvn -version
```

2. If not installed:

macOS:

```
bash
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brew install maven
```

○

Linux:

```
bash
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sudo apt install maven
```

○

3. **PostgreSQL** (database)
If not installed:

macOS:

```
bash
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brew install postgresql
```

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Linux:

```
bash
CopyEdit
sudo apt install postgresql
```

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4. Start PostgreSQL:

macOS:

```
bash
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brew services start postgresql
```

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Linux:

```
bash
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sudo service postgresql start
```

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Database Setup

Enter PostgreSQL shell:

```
bash
```

```
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```

```
psql postgres
```

Inside the shell:

```
sql
```

```
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```

```
CREATE DATABASE inlyne;
```

```
CREATE USER inlyneadmin WITH ENCRYPTED PASSWORD 'inlynepass';
```

```
GRANT ALL PRIVILEGES ON DATABASE inlyne TO inlyneadmin;
```

Cloning and Configuring the Server

Clone the repository:

bash

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```
git clone https://github.com/inlynedocs/inlynesever.git
```

```
cd inlynesever
```

Create a `.env` file in the root directory with:

ini

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```
SPRING_DATASOURCE_URL=jdbc:postgresql://db:5432/inlyne_db
```

```
SPRING_DATASOURCE_USERNAME=inlyneadmin
```

```
SPRING_DATASOURCE_PASSWORD=inlynepass
```

Ensure that `src/main/resources/application.properties` is configured to read these environment variables.

Running the Server

Start the server:

bash

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```
./mvnw spring-boot:run
```

By default, it will run on `http://localhost:8080`.

Inlyne User Manual

Web Client

Installation

Clone the web repository:

bash

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```
git clone git@github.com:inlynedocs/inlyneweb.git
```

```
cd inlyneweb
```

Install Python dependencies:

bash

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```
pip install -r requirements.txt
```

Install and run the frontend (Next.js):

bash

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```
npm install
```

```
npm run dev
```

The website should be running locally.

Using the Web Client

Create an Account

1. Visit the web app ([inlyne.link](#) or your local deployment).
2. Click **Sign Up** on the landing page.
3. Enter a valid email, username, and password.
4. Click **Sign Up** to proceed to your dashboard.

Share Documents

1. Navigate to [/home](#).
2. Click **+ New Document** to create a new document.
3. In the editor view, click **Share** in the top right.
4. Enter the recipient's email and set their permission:
 - Reader
 - Writer
 - Admin
5. Shared users will receive access to the document.

Edit Profile

1. Click your profile icon → **Profile**.
2. Update your username, email, or password.
3. Click **Update Profile** to save changes.

Web App Features

- [/home](#): View all created or shared documents.

- `/<docID>`: Access a document via its unique link.
 - **TipTap Editor**: Rich-text editing experience.
 - **Sidebar**: Quick access to recently opened documents.
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VS Code Extension

Installation and Usage

1. **Download Inlyne Extension** from the VS Code Marketplace.
2. **Load Document**
 - You can load a public document without logging in.
 - For private documents, sign in is required.
 - Load using a document key or URL.
3. **Sign In / Sign Up**
 - Sign In: Required to access private or owned documents.
 - Sign Up: Click "Sign Up" in the sidebar to be redirected to the web page.
4. **Create New Document**
 - Must be logged in.
 - The document is synced with the web dashboard.
5. **Editor Tab**
 - Real-time synchronization across users.
 - Load or create documents.
 - Full editing capabilities.

VS Code Extension Features

- **Sidebar View:** Create/load documents.
- **Editor Tab:** Rich document editing.
- **Authentication Panel:** Secure sign-in flow.
- **Real-time Sync:** STOMP/WebSocket-based updates.
- **Document Permissions:** Private/public access with roles.