

Docker

- [Docker](#) [Python](#)

Docker Python

📁 /share/Container/chi

📄 Dockerfile

```
FROM python:3.11-slim

WORKDIR /app

# 📁 ODBC Driver
RUN apt-get update && apt-get install -y \
    curl gnupg apt-transport-https unixodbc-dev gcc g++ make \
    && curl https://packages.microsoft.com/keys/microsoft.asc | gpg --dearmor >
    /usr/share/keyrings/microsoft.gpg \
    && echo "deb [arch=amd64 signed-by=/usr/share/keyrings/microsoft.gpg]
    https://packages.microsoft.com/debian/11/prod bullseye main" > /etc/apt/sources.list.d/mssql-release.list \
    && apt-get update \
    && ACCEPT_EULA=Y apt-get install -y msodbcsql17 \
    && rm -rf /var/lib/apt/lists/*

# 📄 requirements 📄
COPY requirements.txt .
RUN pip install --no-cache-dir -r requirements.txt

# 📁 (📄 app.py, templates/, cert.pem, key.pem)
COPY . .

EXPOSE 5000

CMD ["python", "app.py"]
```

📄 requirements.txt

```
APScheduler
Flask
Flask-Cors
```

Flask-SQLAlchemy
google-api-python-client
google-auth-oauthlib
line-bot-sdk
opencv-python
openpyxl
pandas
pyexcel
pyexcel-xlsx
pyodbc
python-dotenv
pytz
requests
XlsxWriter

bulid

```
docker build -t chi .
```

chi image

image flask

```
5099 port flask /share/Container/chi5099 app.py templates ( app.py port 5000 )
```

```
docker build -t chi .
docker run -d --name chi5099 \
  -p 5099:5000 \
  -v /share/Container/chi5099:/app \
  chi
```

pyodbc

pyodbc

msodbcsql17