

Dockerfile watchers_wave

FROM python:3.9-slim

Configuración base

ENV PYTHONUNBUFFERED=1

WORKDIR /app

Instalar dependencias del sistema (si son necesarias)

RUN apt-get update && apt-get install -y <paquetes> && rm -rf /var/lib/apt/lists/*

Actualizar herramientas de Python

RUN pip install --upgrade pip setuptools wheel

Copiar e instalar dependencias primero para aprovechar la caché

COPY requirements.txt .

RUN pip install --no-cache-dir -r requirements.txt

Copiar código fuente

COPY . /app

Configuración final # Ajustado para coincidir con docker-compose.yml

ENV PYTHONPATH="/app"

EXPOSE 5000

CMD ["python", "watchers_wave.py"]

Dockerfile watcher_focus

FROM python:3.9-slim

ENV PYTHONUNBUFFERED=1

WORKDIR /app

RUN pip install --upgrade pip setuptools wheel

COPY requirements.txt .

RUN pip install --no-cache-dir -r requirements.txt

COPY . /app

ENV PYTHONPATH="/app"

EXPOSE 6000

CMD ["python", "watcher_focus.py"]

Dockerfile malla_watcher

FROM python:3.9-slim

ENV PYTHONUNBUFFERED=1

WORKDIR /app

RUN pip install --upgrade pip setuptools wheel

COPY requirements.txt .

RUN pip install --no-cache-dir -r requirements.txt

COPY . /app

ENV PYTHONPATH="/app"

EXPOSE 5001

CMD ["python", "malla_watcher.py"]

Dockerfile ecu

FROM python:3.9-slim

ENV PYTHONUNBUFFERED=1

WORKDIR /app

RUN pip install --upgrade pip setuptools wheel

COPY requirements.txt .

RUN pip install --no-cache-dir -r requirements.txt

COPY . /app

ENV PYTHONPATH="/app"

Exponer el puerto del servicio (Añadido para claridad)

EXPOSE 8000

CMD ["python", "matriz_ecu.py"]

Dockerfile harmony_controller (control)

FROM python:3.9-slim

Dependencias del sistema para OpenCV

RUN apt-get update && apt-get install -y \
libgl1-mesa-glx \
libgl2.0-0 \
&& rm -rf /var/lib/apt/lists/*

WORKDIR /app

COPY requirements.txt .

RUN pip install --no-cache-dir -r requirements.txt

COPY . /app

ENV PYTHONPATH="/app"

EXPOSE 7000

CMD ["python", "harmony_controller.py"]

Dockerfile agent_ai

FROM python:3.9-slim

WORKDIR /app

Instalar compiladores para dependencias nativas

RUN apt-get update && apt-get install -y --no-install-recommends \
build-essential \
&& rm -rf /var/lib/apt/lists/*

COPY requirements.txt .

RUN pip install --no-cache-dir -r requirements.txt

COPY . /app

□ Añadido para coherencia

EXPOSE 9000

CMD ["python", "agent_ai.api.endpoints"]