# Model images

FROM cp.icr.io/cp/ai/watson-stt-generic-models:1.1.0 as catalog

# Add additional models here

FROM cp.icr.io/cp/ai/watson-stt-en-us-multimedia:1.1.0 as en-us-multimedia

FROM cp.icr.io/cp/ai/watson-stt-fr-fr-multimedia:1.1.0 as fr-fr-multimedia

# Base image for the runtime

FROM cp.icr.io/cp/ai/watson-stt-runtime:1.1.0 AS runtime

# Configuration file directory

ENV LOCAL\_DIR=chuck\_var

# Environment variable used for directory where configurations are mounted

ENV CONFIG\_DIR=/opt/ibm/chuck.x86\_64/var

# Copy in the catalog and runtime configurations

COPY --chown=watson:0 --from=catalog catalog.json ${CONFIG\_DIR}/catalog.json

COPY --chown=watson:0 ./${LOCAL\_DIR}/\* ${CONFIG\_DIR}/

# Intermediate image to populate the model cache

FROM runtime as model\_cache

# Copy model archives from model images

RUN sudo mkdir -p /models/pool2

# For each additional models, copy the line below with the model image

COPY --chown=watson:0 --from=en-us-multimedia model/\* /models/pool2/

COPY --chown=watson:0 --from=fr-fr-multimedia model/\* /models/pool2/

# Run script to initialize the model cache from the model archives

COPY ./prepareModels.sh .

RUN ./prepareModels.sh

# Final runtime image with models baked in

FROM runtime as release

COPY --from=model\_cache ${CONFIG\_DIR}/cache/ ${CONFIG\_DIR}/cache/