FROM ubuntu:18.04

LABEL maintainer\_name 'Arvind Awasthi'

LABEL maintainer\_id 'awasthiarvind1997gmail.com'

# Essential tools and xvfb

RUN apt-get update && apt-get install -y \

software-properties-common \

unzip \

curl \

xvfb

# Chrome browser to run the tests

RUN curl https://dl-ssl.google.com/linux/linux\_signing\_key.pub -o /tmp/google.pub \

&& cat /tmp/google.pub | apt-key add -; rm /tmp/google.pub \

&& echo 'deb http://dl.google.com/linux/chrome/deb/ stable main' > /etc/apt/sources.list.d/google.list \

&& mkdir -p /usr/share/desktop-directories \

&& apt-get -y update && apt-get install -y google-chrome-stable

# Disable the SUID sandbox so that chrome can launch without being in a privileged container

RUN dpkg-divert --add --rename --divert /opt/google/chrome/google-chrome.real /opt/google/chrome/google-chrome \

&& echo "#!/bin/bash\nexec /opt/google/chrome/google-chrome.real --no-sandbox --disable-setuid-sandbox \"\$@\"" > /opt/google/chrome/google-chrome \

&& chmod 755 /opt/google/chrome/google-chrome

# Chrome Driver

RUN mkdir -p /opt/selenium \

&& curl http://chromedriver.storage.googleapis.com/2.45/chromedriver\_linux64.zip -o /opt/selenium/chromedriver\_linux64.zip \

&& cd /opt/selenium; unzip /opt/selenium/chromedriver\_linux64.zip; rm -rf chromedriver\_linux64.zip; ln -fs /opt/selenium/chromedriver /usr/local/bin/chromedriver;

# Firefox browser to run the tests

RUN apt-get install -y firefox

# Gecko Driver

ENV GECKODRIVER\_VERSION 0.23.0

RUN wget --no-verbose -O /tmp/geckodriver.tar.gz https://github.com/mozilla/geckodriver/releases/download/v$GECKODRIVER\_VERSION/geckodriver-v$GECKODRIVER\_VERSION-linux64.tar.gz \

&& rm -rf /opt/geckodriver \

&& tar -C /opt -zxf /tmp/geckodriver.tar.gz \

&& rm /tmp/geckodriver.tar.gz \

&& mv /opt/geckodriver /opt/geckodriver-$GECKODRIVER\_VERSION \

&& chmod 755 /opt/geckodriver-$GECKODRIVER\_VERSION \

&& ln -fs /opt/geckodriver-$GECKODRIVER\_VERSION /usr/bin/geckodriver \

&& ln -fs /opt/geckodriver-$GECKODRIVER\_VERSION /usr/bin/wires

EXPOSE 8080

CMD /bin/bash