

```

# Your version: 0.6.0 Latest version: 0.6.0
# Generated by Neurodocker version 0.6.0
# Timestamp: 2020-01-28 16:34:08 UTC
#
# Thank you for using Neurodocker. If you discover any issues
# or ways to improve this software, please submit an issue or
# pull request on our GitHub repository:
#
#     https://github.com/kaczmarj/neurodocker

FROM debian:stretch

ARG DEBIAN_FRONTEND="noninteractive"

ENV LANG="en_US.UTF-8" \
    LC_ALL="en_US.UTF-8" \
    ND_ENTRYPOINT="/neurodocker/startup.sh"
RUN export ND_ENTRYPOINT="/neurodocker/startup.sh" \
    && apt-get update -qq \
    && apt-get install -y -q --no-install-recommends \
        apt-utils \
        bzip2 \
        ca-certificates \
        curl \
        locales \
        unzip \
    && apt-get clean \
    && rm -rf /var/lib/apt/lists/* \
    && sed -i -e 's/# en_US.UTF-8 UTF-8/en_US.UTF-8 UTF-8/' /etc/
locale.gen \
    && dpkg-reconfigure --frontend=noninteractive locales \
    && update-locale LANG="en_US.UTF-8" \
    && chmod 777 /opt && chmod a+s /opt \
    && mkdir -p /neurodocker \
    && if [ ! -f "$ND_ENTRYPOINT" ]; then \
        echo '#!/usr/bin/env bash' >> "$ND_ENTRYPOINT" \
    && echo 'set -e' >> "$ND_ENTRYPOINT" \
    && echo 'export USER="${USER:=`whoami`}"' >> "$ND_ENTRYPOINT" \
    && echo 'if [ -n "$1" ]; then "$@"; else /usr/bin/env bash; fi'
>> "$ND_ENTRYPOINT"; \
    fi \
    && chmod -R 777 /neurodocker && chmod a+s /neurodocker

ENTRYPOINT ["/neurodocker/startup.sh"]

#-----
# Install FreeSurfer v6.0.0
#-----
# Install version minimized for recon-all
# See https://github.com/freesurfer/freesurfer/issues/70

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```

ENV FREESURFER_HOME="/opt/freesurfer-6.0.0-min" \
  PATH="/opt/freesurfer-6.0.0-min/bin:$PATH"
RUN apt-get update -qq \
  && apt-get install -y -q --no-install-recommends \
    bc \
    libgomp1 \
    libxmu6 \
    libxt6 \
    perl \
    tcsh \
  && apt-get clean \
  && rm -rf /var/lib/apt/lists/* \
  && echo "Downloading FreeSurfer ..." \
  && mkdir -p /opt/freesurfer-6.0.0-min \
  && curl -fsSL --retry 5 https://dl.dropbox.com/s/nnzcfttc41qvt31/
recon-all-freesurfer6-3.min.tgz \
  | tar -xz -C /opt/freesurfer-6.0.0-min --strip-components 1 \
  && sed -i '$isource "/opt/freesurfer-6.0.0-min/
SetUpFreeSurfer.sh"' "$ND_ENTRYPOINT"

```

```

#RUN ["/bin/bash" "-c" "set -e && export USER="${USER:=`whoami`} " &&
source "/opt/freesurfer/SetUpFreeSurfer.sh" && if [ -n "$1" ]; then
"$@"; else /usr/bin/env bash; fi"]

```

```

ENV CONDA_DIR="/opt/miniconda-latest" \
  PATH="/opt/miniconda-latest/bin:$PATH"
RUN export PATH="/opt/miniconda-latest/bin:$PATH" \
  && echo "Downloading Miniconda installer ..." \
  && conda_installer="/tmp/miniconda.sh" \
  && curl -fsSL --retry 5 -o "$conda_installer" https://
repo.continuum.io/miniconda/Miniconda3-latest-Linux-x86_64.sh \
  && bash "$conda_installer" -b -p /opt/miniconda-latest \
  && rm -f "$conda_installer" \
  && conda update -yq -nbase conda \
  && conda config --system --prepend channels conda-forge \
  && conda config --system --set auto_update_conda false \
  && conda config --system --set show_channel_urls true \
  && sync && conda clean --all && sync \
  && conda create -y -q --name neuro \
  && conda install -y -q --name neuro \
    "python=3.6" \
    "traits" \
  && sync && conda clean --all && sync \
  && bash -c "source activate neuro \
  && pip install --no-cache-dir \

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        "nipytype"" \
&& rm -rf ~/.cache/pip/* \
&& sync \
&& conda install --channel conda-forge nipytype \
&& sync && conda clean --all && sync

```

```

RUN echo '{ \
\n  "pkg_manager": "apt", \
\n  "instructions": [ \
\n    [ \
\n      "base", \
\n      "debian:stretch" \
\n    ], \
\n    [ \
\n      "fsl", \
\n      { \
\n        "version": "5.0.10" \
\n      } \
\n    ], \
\n    [ \
\n      "freesurfer", \
\n      { \
\n        "version": "6.0.0-min", \
\n        "method": "binaries", \
\n        "-": "" \
\n      } \
\n    ], \
\n    [ \
\n      "miniconda", \
\n      { \
\n        "create_env": "neuro", \
\n        "conda_install": [ \
\n          "python=3.6", \
\n          "traits" \
\n        ], \
\n        "pip_install": [ \
\n          "nipytype" \
\n        ] \
\n      } \
\n    ] \
\n  ] \
\n}' > /neurodocker/neurodocker_specs.json

```

```

#-----
# Add custom analysis file as CMD
#-----
RUN mkdir /code
WORKDIR /code

```

```
COPY * /code/  
#COPY workflow.py /code/
```

```
RUN chmod +x /code/workflow.py
```

```
#WORKDIR /code  
ENTRYPOINT ["python","workflow.py"]  
#CMD ["--help"]
```

```
CMD ["python", "./workflow.py"]
```

```
#ADD workflow.py /workflow.py  
#ENTRYPOINT ["/workflow.py"]
```