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FROM intelpython/intelpython3_core

LABEL maintainer="Georg Zitzlsberger <georg.zitzlsberger@vsb.cz>"

RUN apt-get update && apt-get install -y nodejs npm cpio

ENV CONDA_DIR /opt/conda
ENV PATH $CONDA_DIR/bin:$PATH
ENV SHELL /bin/bash

ENV NB_USER jovyan
ENV HOME /home/$NB_USER

RUN useradd -m -s /bin/bash -N $NB_USER && mkdir -p $CONDA_DIR && chown -R $NB_USER $CONDA_DIR

USER $NB_USER

RUN conda install -c intel scikit-learn
RUN conda install -c intel matplotlib
RUN conda install -c intel jupyter
RUN conda install -c conda-forge jupyterlab
RUN conda install -c intel pillow

RUN conda install ipykernel
ENV LD_LIBRARY_PATH="${LD_LIBRARY_PATH}:/opt/conda/lib/libfabric/"

# H2O4GPU as separate kernel:
RUN conda create -n h2o4gpu -c h2oai -c conda-forge -c rapidsai h2o4gpu-cuda10 ipykernel
RUN $CONDA_DIR/envs/h2o4gpu/bin/python -m ipykernel install --user --name=h2o4gpu
ENV PATH $CONDA_DIR/envs/h2o4gpu/bin:$PATH
```