

# hello\_world.sbatch

```
#!/usr/bin/bash

#SBATCH --nodes=2
#SBATCH --ntasks-per-node=1
#SBATCH --partition=dev-cpu
#SBATCH --time=60

module purge

set -v
srun \
  --ntasks-per-node=1 \
  --mpi=pmix \
  apptainer exec \
    --env PMIX_SECURITY_MODE=native \
    --bind "${SCRATCH}","/tmp","/var/spool/slurmd" \
    nvhpc_26.5-devel-cuda_multi-ubuntu24.04.sif \
    bash -c "
      source /usr/share/lmod/lmod/init/bash
      module add nvhpc-hpcx-cuda12-openmpi5
      ./hello_world"
```