Parallel ANN-CI Installation Guide

This manual will guide you through the steps to install parallel ANN-CI on your system. Follow each steps and commands carefully to ensure a successful installation.

Step 1: Download Miniconda3

1. mkdir /home/miniconda3
2. cd /home/miniconda3
3. wget https://repo.anaconda.com/miniconda/Miniconda3-latest-Linux-x86_64.sh --no-check-certificate
4. bash -b -u -p /home/miniconda3
5. /home/miniconda3/bin/conda init bash

Step 2: Set-up Environment & Software

1. git clone https://github.com/rahul-dethe/ann_software.git
2. cd /home/ann_software/ann-ci_installation_steps
3. conda env create -f ann-ci.yml
4. pip install bitstring
5. pip install pandas
6. pip install torch
7. pip install py

Step 3: Test run

1. cd ann_software/ANN-CI/ann-ci_installation_steps/ann_run_check
2. mpirun -np 4 python exe.py input