

V2 Installation

- ❑ Windows/Unix version Genesis v2 can be access under the official website
 - ❑ <http://genesis.web.psi.ch/index.html> & <https://github.com/svenreiche/Genesis-1.3-Version2>
- ❑ On WSL2/Linux,
openmpi/mpich should be installed by
 - `sudo apt install openmpi-dev/mpich-dev`
 - `sudo yum install openmpi-dev/mpich-dev`make from the source codes/use the pre-made executable file

Usage:

```
echo xxx.in | mpirun -np 72 genesis_mpi
```

- ❑ On Windows
 - ❑ Open PowerShell and run `genesis.exe`

V4 Installation

- ❑ Simplest way to install genesis4 is using cmake with WSL2/Linux (Recommend)
- ❑ <https://github.com/svenreiche/Genesis-1.3-Version4>
- ❑ On WSL2/Linux,
 - mkdir build
 - cd build
 - cmake -DCMAKE_BUILD_TYPE=Release ..
 - make
- ❑ Usage:
 - mpirun -np 72 genesis4 [-o output-rootname]
 - [-l lattice-filename] [-s seed] input-filename

Post-Processing Output Files

□ V2

- Using xgenesis.sav via the virtual machine IDL8.5
- https://drive.google.com/file/d/1R-E-z4bsnyz_m5Wa0KVk1k2QkKtujV0W/view?usp=sharing

□ V4

- <https://github.com/svenreiche/Genesis-1.3-Version4/tree/master/examples>
- Use python to finish the process

Name	Last commit message	Last commit date
..		
Example1-SteadyState	another minor change	2 years ago
Example2-Dumps	reorganization of example simulations	2 years ago
Example3-TimeDependent	Example3 readme	11 months ago
Example4-HGHG	Release of verison 4.6.9 with the new feature of alter_beam	last month
README.md	Release of verison 4.6.9 with the new feature of alter_beam	last month