

Installing ZHAireS

- Create folder named 'aires' in \$(Home) directory: this should be the ARootDirectory (if the name is different this should be changed in config file).
- Keep all the tar files in ../aires: normally 3- Aries.xxxx.tar.gz, AiresExtInp.xxxx.tar.gz, ZHAireS-Exten.XXX.tar.gz.
- Unpack Aires.xxxx.tar.gz- this should produce Aires.xxxx folder which has an xxxx folder (normally 19.08.04) in which all other directories are stored. (I recommend putting everything in \$home/Aires/Aires.xxx/ folder and get rid of the xxxx). This should be the IRoot directory.
- Unpack the AiresExtInp.xxxx.tar.gz folder which should have a folder ExtInp folder inside , this needs to be put in ARoot \$home/Aires.
- Then cd to IRoot Aires.XXXX. Then ./doinstall 0 .
- Normally this should run without a problem and successfully install Aires.
- Now, the executables should be \$Home/aires/bin- cd there and do ./Aires as suggested in the install.Howto.
- If success: then move on to the next step of adding extensions: go to IRoot (same place that has doinstall) and run ./addextensions.
- This should run and install the Zhaires, you should see a folder zhaires-exten being created in IRoot.
- Go to \$/home/aires/bin - check and run ./ZHAireS executable .
- Also unpack the ZHAireS-Exten.XXX.tar.gz at \$Home/Aires.
- Make a working directory say 'myrun' - \$home/aires/myrun.
- Copy the contents of \$home/aires/ZHAireS-Exten.1-0-30a/demos/RunningZHAireS

To myrun- these are the demo input files to run zhaires. Then run from the example script such as - `../bin/ZHAireS<Step8Mytask.inp` . This will store the signal trace files as well as the particle files in the myrun directory.