

ALMA Science

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Why do I get a "h_init not defined" error in CASA?

Paul Fisher - 2020-09-21 - Offline Data Reduction and/or CASA

The error message

```
NameError: name 'h_init' is not defined
```

indicates you are trying to execute pipeline tasks that CASA does not recognize. To verify that your active CASA session includes pipeline tasks please type `tasklist` at the CASA prompt. If the list of tasks returned does not include a large number of task names beginning with "h_" or "hif_", such as "hif_antpos" or "hif_clean", then you are *not* running the pipeline version of CASA.

The following are some of the most common errors which lead to running a non-pipeline version of CASA.

- You fail to include the "--pipeline" switch when starting CASA ("casa --pipeline").
- You install multiple versions of CASA without properly setting up the \$PATH environment variable; a non-pipeline CASA installation will start if it appears first in the path, even if you use the "--pipeline" switch. (The work around is to use the full path to the executable when starting CASA.)
- You are are running CASA at NRAO and get the wrong CASA version. Please check the [CASA at NRAO](#) page to ensure that you are starting CASA using the proper syntax.