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**ASTROPHYSICS**

HARVARD &amp; SMITHSONIAN

Zhao, Jun-Hui &lt;jzhao@cfa.harvard.edu&gt;

## [Casa-announce] CASA 6.4.0 Release

1 message

**Announcements relating to the CASA post-processing software via Casa-announce** <casa-announce@listmgr.nrao.edu> Thu, Oct 28, 2021 at 10:44 AM  
Reply-To: casa-feedback@nrao.edu  
To: casa-announce@nrao.edu  
Cc: Announcements relating to the CASA post-processing software <casa-announce@listmgr.nrao.edu>

Dear Colleagues,

A new CASA 6.4.0 release is now available!

New functionality of CASA 6.4.0 includes:

- OS Support: CASA now supports RedHat 8, and Mac OS with Python 3.8, for both monolithic and modular versions.
- plotcal/plotms: functionality of plotcal has been migrated to plotms, and plotcal has been deprecated.
- plotms: calibration table averaging with channel selection is now supported.
- fringeft: memory usage of fringeft has been reduced, allowing larger datasets to be processed.
- imhead: updated to display micro-arcsecond precision.
- caltables: storage of frequency meta information in caltables improved, making certain frequency-dependent calibration solutions more accurate.
- sdintimaging: now adds information to the history of produced images
- T+dT timerange selection improved in accuracy.

See the full Release Notes for CASA 6.4.0 on CASA Docs: <https://casadocs.readthedocs.io/en/stable/notebooks/introduction.html>

Please also review the Known Issues page: <https://casadocs.readthedocs.io/en/stable/notebooks/introduction.html#Known-Issues>

## Download and Installation

CASA 6.4.0 is available either as a downloadable tar-file, or through pip-wheel installation, which gives users flexibility to integrate CASA into their customized Python environment.

CASA 6.4.0 can be downloaded from the CASA website: [https://casa.nrao.edu/casa\\_obtaining.shtml](https://casa.nrao.edu/casa_obtaining.shtml)  
Instructions on how to install CASA 6.4.0 can be found in CASA Docs: <https://casadocs.readthedocs.io/en/stable/notebooks/usingcasa.html>

## OS Support

CASA 6.4.0 is expected to work on multiple computer operating systems as well as multiple versions of Python. In addition to the officially supported platforms RedHat 7 & 8 and Mac OSX 10.15 & OS 11, CASA compatibility has been extended to include Ubuntu. For OS compatibility, see CASA Docs: <https://casadocs.readthedocs.io/en/stable/notebooks/introduction.html#Compatibility>

## Feedback

We welcome feedback from users at [casa-feedback@nrao.edu](mailto:casa-feedback@nrao.edu)

To stay informed, we encourage users to subscribe to the following subscription lists:

\*Casa-announce\* for announcement of new releases: <https://listmgr.nrao.edu/mailman/listinfo/casa-announce>

\*Casa-users\* for critical bugs and code updates: <https://listmgr.nrao.edu/mailman/listinfo/casa-users>  
\*Casa-news\* to receive the CASA Newsletter twice a year: <https://listmgr.nrao.edu/mailman/listinfo/casa-news>

Regards,  
The CASA Team

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