

CENTER FOR

ASTROPHYSICS

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[Casa-announce] CASA 6.4.4 Release

1 message

Announcements relating to the CASA post-processing software via Casa-announce <casa-announce@listmgr.nrao.edu> Thu, Mar 31, 2022 at 11:05 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 6.4.4 release is now available!

New functionality of CASA 6.4.4 includes:

- tclean: new experimental deconvolution algorithm "Adaptive Scale Pixel".
- tclean: new/unknown observatory names can now generate Airy disk primary beams.
- plotms: improvements for changing the phasecenter on-the-fly.
- plotms: colorization now assigns colors for spw in ALMA spectral scans.
- ft/componentlist: support of models with spectral curvature.
- ia.fft tool method: now handles brightness units properly.
- almahelpers.py: removed from almatasks, but can be found in casarecipes.
- ALMA array configuration files: Cycle-9 files added to the data repository.

See the full Release Notes for CASA 6.4 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 6.4.4 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 6.4.4 can be downloaded from the CASA website: https://casa.nrao.edu/casa_obtaining.shtml
Instructions on how to install CASA 6.4.4 can be found in CASA Docs: <https://casadocs.readthedocs.io/en/stable/notebooks/introduction.html#id1>

OS Support

CASA 6.4.4 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 full OS compatibility, see CASA Docs: <https://casadocs.readthedocs.io/en/stable/notebooks/introduction.html#Compatibility>

Note to Mac users: A problem with GUIs may occur when trying to CASA 6.4.4 on Mac OS 12, and we are looking into this issue for a future release. ARM-based M1 machines are currently not supported, and we recommend M1 users to install the Rosetta software when running CASA: <https://support.apple.com/en-us/HT211861>

Feedback

We welcome feedback from users at casa-feedback@nrao.edu

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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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Casa-announce mailing list

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