developer.skatelescope.org Documentation

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Home

RASCIL

The Radio Astronomy Simulation, Calibration and Imaging Library (RASCIL) expresses radio interferometry calibration and imaging algorithms using Python and numpy.

- See the RASCIL documentation
- See the RASCIL repository

CHAPTER 2

OSKAR

The OSKAR package has been designed to produce simulated visibility data from radio telescopes containing aperture arrays. The software is written mainly in C and offers GPU acceleration using CUDA or OpenCL. The Python bindings to OSKAR make it easy to run simulations using Python scripts.

- See the OSKAR Python documentation
- See the OSKAR repository