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uv-plane characterization and VO implementation at JIVE

Content

At JIVE we are working on making interferometric visibility data from the European VLBI Network (EVN) archive available through VO protocols. For this purpose we have built a TAP service that serves ObsCore records. To create these records we wrote some special-purpose software in Python that extracts the necessary meta-data from FITS-IDI files. In this presentation I will discuss some of the choices made when writing this software as well as some further improvements we still intend to make before the service goes "live". I'll finish with some results on an attempt characterize the UV-coverage of VLBI data using a parametrization that is being considered for a Radio-specific extension to ObsCore.

Preferred talk time

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