



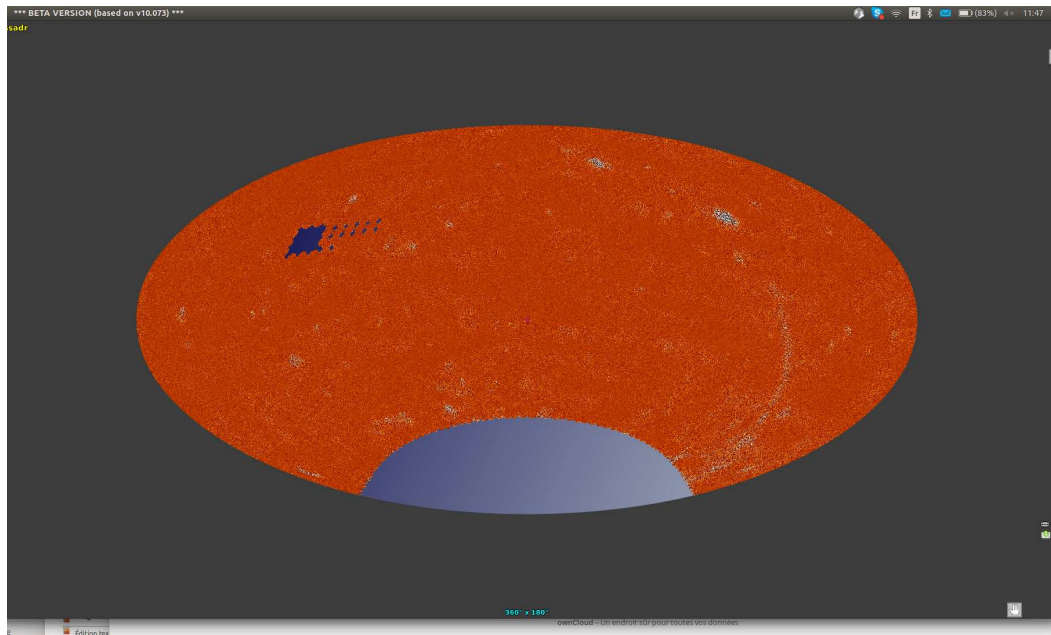
ESCAPE Radio astronomy Activities : summary and links

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on behalf of ESCAPE CEVO collaboration



HiPS

- TGSSADR 2D radio continuum maps (around 150 Mhz) HiPS
 - created by ASTRON
 - uploaded in the HiPSlist (available through Aladin)
 - Other surveys in progress




TAP/ObsTAP services

Ongoing work

- **ASTRON :**
 - LOFAR, Westerbork, APERTIF
- **Nançay :**
 - TAP/ObsTAP prototype for decametric, pulsar and NENUFAR data
- **Other projects in Italy.**



Visibility data discovery and access strategies

- Reminder :
 - cds prototype for exposing visibility data splitted in consistent datasets
 - JIVE :
 - ongoing work for strategy to describe and expose VLBI visibility data
 - Nançay : plans to expose NENUFAR visibility data
 - ASTRON :
 - prototyping extra ObsCore parameters to describe the uv coverage --> excentricity of the ellipsoidal distribution and filling factor
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Provenance

(ESCAPE meeting on september 7-8th)

- [Link to the meeting contributions page](#)
- JIVE = pipeline : raw VD → calibrated VD → images/spectra
 - Provenance information will allow jupyter NB on science platform to reprocess some calibrated vd to get « better » images/spectra
- ASTRON =
 - Data from 3 interferometers. Trace the calibration. Inside the data files
 - Internal structure of the metadata base inspired by IVOA ProvDM.
- Others :
 - Italians. Various projects
 - Encompass VLBI but also single dish data and polarization data
 - NENUFAR : tracing the processing

