Metadata from a EVN/CASA perspective

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MeasurementSet (MS)

Somewhat sparsely documented:

- AIPS++ Memo 229: http://casa.nrao.edu/Memos/229.html

- Easily extendable by adding subtables

FITS-IDI

Well documented:

- AIPS Memo 102: ftp://ftp.aoc.nrao.edu/pub/software/aips/ TEXT/PUBL/FITS-IDI.pdf

- Update in AIPS Memo 114: ftp://ftp.aoc.nrao.edu/pub/software/aips/ TEXT/PUBL/AIPSMEM114.PDF

Metadata in MS

Array geometry	✔
Antenna information	✔
Frequency setup	✔
Source information	✔
Flagging	✔
System tempertures	✔
Gain curves	✖
Phase-cal	✖
Weather	✔
Delay model	✖
WVR data	(✔)

Metadata in FITS-IDI

Array geometry	✔
Antenna information	✔
Frequency setup	✔
Source information	✔
Flagging	✔
System tempertures	✔
Gain curves	✔
Phase-cal	✔
Weather	✔
Delay model	✔
WVR data	✖

Metadata for EVN

Array geometry	FITS-IDI
Antenna information	FITS-IDI
Frequency setup	FITS-IDI
Source information	FITS-IDI
Flagging	AIPS UVFLG file
System tempertures	AIPS ANTAB file
Gain curves	AIPS ANTAB file
Phase-cal	✖
Weather	✖
Delay model	✖
WVR data	✖

Model available in non-standard correlator format