

may 29 2015  
(6)

OBSID

RA

DEC

MJD

1

345.2

16.1

55662.3

1

345.23

1. current\_obj = 1

1

ra\_obj = [345.2]

2

3

2

2

3

3

4

4

2. FOR LOOP STARTS FROM THE 2<sup>nd</sup> ROW

3. objid = 1  $\Rightarrow$  OBSID is the 2<sup>nd</sup> ROW

RA = 345.23

CURRENT OBJ AND OBSID ARE THE SAME  $\Rightarrow$  ADD A NEW ELEMENT TO STORAGE ARRAYS

RA-OBJ = [345.2, 345.23]

4. OBSID = 2  $\neq$  CURRENT-OBJ

$\Rightarrow$  PROCESS STORAGE ARRAYS

~~RA~~ MED-RA = MEDIAN(RA-OBJ)

5. RESET ARRAYS

CURRENT-OBJ = OBSID

RA-OBJ = [RA]

[55600, 55700, ...]

OBS\_IN\_THIS\_YEAR = ~~TESTFILE~~ TESTFILE

(TESTFILE['MJD'] > 55600) & (TESTFILE['MJD'] < 55700)