

Separating the part 1 and part 2
according to flow chart.

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(17)

testfile 6797,664

searchRad = 10 # arcmin.

uniqueObjFile 2,425,953

nside = 2 ** 10

for loop for part 1 → 67 sec - 90 sec 11th diff times each time 7 run! — No reason!

pick pixel No : 4889012

pixel index for Obj (2026703 — 5097474)

def pixelTasks (1) pick pixel No — one pixel id no.
(2) pixelRa → array of pixel Ra's
(3) pixelDec → array of pixel Dec's
(4) residualRa Arrays, len() = testfile.
(5) _{Dec}
(6) no. of Obs — array containing no. of obs.
→ len() = Testfile.

(7) testfile → can also make it global.

↓
)
Since we ought to send one pixel id no. at a time
we should send the corresponding ra/dec value
and not the whole array —

(8) If I use testfile to calculate angSepMask,
then the no. of obs >= 3 condition has to be put separately.

If I use median arrays, then both searchRadius and
no. of obs conditions can
be put together in a line — since both of them are ~~the~~
the same size.