

* 'testFile' takes ~9 seconds to load.

June 11, 2015

(1)

* searchRadius = 2 # arcmin.
width = 2 * 5

pixel Ra (0,0) - (358.59375)

pixel Dec (-88.53) - (88.538)

len(testFile) = 6797664

len(theta) = 12288

(or(phi))

pick pixel No → 6144

couple { avg sep Mask 1 - obj within 'searchRadius'
of seconds } searchFile loading

len(searchFile) = 186034 ~ 1/36 of testFile.

len(np.unique(searchFile['obj-id']))

71961

len(no of obs)

no. of obs for each object.

midBreakAt [—, —, —]

3 break pts.

55433.5064

55791.6106

56169.5599

⇒ ERROR
I did not include
['obj-id'] here
I don't know why!
so it was not keeping
unique objects!
this length was the same
as the original searchFile
length! - I don't
know what it was
storing in no of obs array!

* for loop - array slicing = a[a:b] gives values
a[a] to a[b-1] automatically.
we don't need to put 'i-1'
its (pos: i)

~ 273 sec

~ 4.5 minutes

over searchFile