

Simulation Pipeline - Bug #4580

TileSurvey w/o parallel

08/26/2013 10:22 AM - Ben Hambrecht

Status:	New	Start date:	08/26/2013
Priority:	Urgent	Due date:	
Assignee:	Brian Nord	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			

Description

```
***** starting TileSurvey *****

Loading common configuration...
Loading command line configuration...
Setting file mode creation mask to 0002...
Parallelization mode: []
Setting up logging system...
26-08-2013 17:15 INFO PAUdm_init Log file in ./Figures/DESpec.log
26-08-2013 17:15 INFO PAUdm_init Setting up local despecdb SQLite database...
26-08-2013 17:15 INFO PAUdm_init Creating a local sqlite DB...
26-08-2013 17:15 INFO PAUdm_init ...DB successfully created.
26-08-2013 17:15 INFO PAUdm_init PAUdm initialization complete.
Planning survey...
plan mode in config! SELF
Projection 1 is MOL
...done.
Scheduling survey...
Projection 1 is MOL
...done.
Number of tiles:105
Setting Tile ID to each galaxy
gal ra/dec min/max
... ra -42.784 -16.3221
... dec -1.48403 6.38918
tile ra/dec min/max
... ra -42.6739818209 -17.7798515414
... dec -5.702925 5.847075

Allocating galaxies to tiles
### ITILE 0
### ITILE 1
### ITILE 2
### ITILE 3
### ITILE 4
### ITILE 5
### ITILE 6
### ITILE 7
### ITILE 8
### ITILE 9
### ITILE 10
### ITILE 11
### ITILE 12
### ITILE 13
### ITILE 14
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### ITILE 53
### ITILE 54
### ITILE 55
### ITILE 56
### ITILE 57
```

```
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IndexError                                Traceback (most recent call last)
/opt/local/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/site-packages/IPython/ut
ils/py3compat.pyc in execfile(fname, *where)
    202         else:
    203             filename = fname
--> 204         __builtin__.execfile(filename, *where)

/Users/ben/Documents/DESpec/repo/despec/02-TileSurvey/TileSurvey_Serrano/TileSurvey.py in <module>
()
    2737 # =====
    2738 if __name__ == '__main__':
-> 2739     main()
    2740
    2741

/Users/ben/Documents/DESpec/repo/despec/02-TileSurvey/TileSurvey_Serrano/TileSurvey.py in main()
    2727         if Tile:
    2728             print "Setting Tile ID to each galaxy"
-> 2729             msd_survey_strategy.set_tile_number()
    2730
    2731         # save diagnostic information for spokes pipeline final report

/Users/ben/Documents/DESpec/repo/despec/02-TileSurvey/TileSurvey_Serrano/TileSurvey.py in set_tile
_number(self, comm)
    1881
        choose_plot_tile=choose_plot_tile,
    1882
        Ngal_overplot_tile=Ngal_overplot_tile,
-> 1883         target_selection_flag=target_selection
_flag)
    1884
```

1885

```
/Users/ben/Documents/DESpec/repo/despec/02-TileSurvey/TileSurvey_Serrano/TileSurvey.py in allocate
GalaxiesRing(galaxy_in_tile_ID, gals_ra_in, gals_dec_in, tiles, tiles2, tile_centers_ra, tile_centers_dec,
hexagon_radius, choose_plot_tile, Ngal_overplot_tile, target_selection_flag)
2122
_inn = gals_ra_in[indices_inn]* numpy.cos(gals_dec_in[indices_inn] * math.pi/180.0),
2123
c_inn = gals_dec_in[indices_inn],
-> 2124
_btw = gals_ra_in[indices_btw]* numpy.cos(gals_dec_in[indices_btw] * math.pi/180.0),
2125
c_btw = gals_dec_in[indices_btw],
2126
_sel = gals_ra_in[indices_sel]* numpy.cos(gals_dec_in[indices_sel] * math.pi/180.0),

IndexError: arrays used as indices must be of integer (or boolean) type
```

History

#1 - 08/26/2013 10:23 AM - Ben Hambrecht

option was parallelizing = []

#2 - 08/26/2013 10:27 AM - Ben Hambrecht

the exact same error at the same tile occurs when using the option 'job'