# Appion - Bug #5079

## Mean/std dev filtration failing

07/11/2017 06:18 AM - Priyamvada Acharya

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Start date:</th>
<th>07/11/2017</th>
</tr>
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<tbody>
<tr>
<td>Priority:</td>
<td>Urgent</td>
<td>Due date:</td>
<td></td>
</tr>
<tr>
<td>Assignee:</td>
<td>Carl Negro</td>
<td>% Done:</td>
<td>0%</td>
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<tr>
<td>Category:</td>
<td></td>
<td>Estimated:</td>
<td>0.00 hour</td>
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<td>Target version:</td>
<td>Appion/Leginon 3.3</td>
<td>Spent time:</td>
<td>0.00 hour</td>
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<td>Affected Version:</td>
<td>Appion/Leginon 3.3</td>
<td>Workaround:</td>
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<tr>
<td>Show in known bugs:</td>
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## Description

Mean/std dev filtration is failing with the following error message:

```
TypeError: unsupported operand type(s) for -: 'str' and 'int'
```

Here is the complete log:

```
... Time stamp: 17jull11g14
... Function name: stackFilter
... Appion directory: /opt/myamisnap/lib
... Processing hostname: node22
... Using split database
Connected to database: 'nyap_31'
... Committing data to database
... Run directory: /gpfs/appion/pacharya/17jull10k/stacks/meanfilt868_3
!!! WARNING: directory '/gpfs/appion/pacharya/17jull10k/stacks/meanfilt868_3' already exists.
... Writing function log to: stackFilter.log
... Uploading ScriptData....
... Found 1 processors on this machine
... Running Appion version 'trunk'
... querying stack particles from stackid=868 at Tue Jul 11 06:14:40 2017
... sorting particles
... received 128442 stack particles in 33.68 sec
... Getting stack data for stackid=868
Old stack info: 'test'
Traceback (most recent call last):
  File "/opt/myamisnap/bin/stackFilter.py", line 103, in <module>
    subStack.start()
  File "/opt/myamisnap/bin/stackFilter.py", line 77, in start
    f.write('%i
' % partnum-1)
TypeError: unsupported operand type(s) for -: 'str' and 'int'
```

## Associated revisions

**Revision fdbac35a - 07/11/2017 12:42 PM - Carl Negro**

Fixing stackFilter fix that didn't go through, refs #5079

**Revision 912494af - 07/11/2017 04:35 PM - Neil Voss**

match code from trunk, refs #5079

## History

**#1 - 07/11/2017 12:15 PM - Ashleigh Raczkowski**

Getting the same error. I'm guessing this is related to my last bug report?

**#2 - 07/11/2017 12:20 PM - Anchi Cheng**

- Status changed from New to Assigned
- Assignee set to Neil Voss
- Priority changed from Normal to Urgent

03/16/2020
I did fix that, but something went weird with my commit. I am going to fix it in myami-beta and commit it directly.

Wait, this is fixed in myami-beta and the line does not match current code:

old line:

```python
f.write('%i
' % partnum-1)
```

current myami-beta line:

```python
f.write('%d
'%(partnum-1))
```

Something weird with your local copy?

Neil, I think you checked just after Carl commited the fix into beta.

I did a fresh git clone and now it shows correctly. I changed the code to exactly match the trunk with commit 912494af

- Status changed from Assigned to Closed