### Appion - Feature #3974

**Add Gctf program to CTF menu**

02/19/2016 05:21 PM - Neil Voss

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Start date:</th>
<th>02/19/2016</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>
</tr>
<tr>
<td>Category:</td>
<td></td>
<td>Estimated time:</td>
<td>0.00 hour</td>
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<td>Target version:</td>
<td>Appion/Leginon 3.3</td>
<td>Spent time:</td>
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**Description**

**Associated revisions**

- **Revision 19691 - 04/21/2016 04:15 PM - Carl Negro**
  add apGpuJob import, gctf jobInstance, refs #3974

- **Revision 156c8e62 - 04/21/2016 04:15 PM - Carl Negro**
  add apGpuJob import, gctf jobInstance, refs #3974

- **Revision 19692 - 04/21/2016 04:17 PM - Carl Negro**
  modify job header if job uses GPUs, refs #3974

- **Revision f7e95c2e - 04/21/2016 04:17 PM - Carl Negro**
  modify job header if job uses GPUs, refs #3974

- **Revision 19693 - 04/21/2016 04:19 PM - Carl Negro**
  add gctf.py to bin, refs #3974

- **Revision 009dcd70 - 04/21/2016 04:19 PM - Carl Negro**
  add gctf.py to bin, refs #3974

- **Revision 19695 - 04/21/2016 06:17 PM - Carl Negro**
  changes to gctf parameter names, refs #3974

- **Revision bf5c773f - 04/21/2016 06:17 PM - Carl Negro**
  changes to gctf parameter names, refs #3974

- **Revision dd5dd356 - 05/02/2016 10:13 PM - Carl Negro**
  add GCTF to CTF menu, refs #3974

- **Revision ebe421a2 - 07/21/2016 06:51 PM - Carl Negro**
  fixing gctf parameters again, refs #3974

- **Revision 15f39a60 - 07/21/2016 06:51 PM - Carl Negro**
  fixing gctf parameters again, refs #3974

- **Revision 0df3ea10 - 07/21/2016 07:18 PM - Carl Negro**
  still fixing gctf params, refs #3974

- **Revision c5ab1706 - 10/07/2016 04:04 PM - Anchi Cheng**
  refs #3974 use Gctf-v0.50 as exe

- **Revision a14999ca - 10/20/2016 05:27 PM - Carl Negro**
  tweak to do_EPA flag; add 90 degrees to angle astigmatism like Ctfind4. refs #3974
Hi, Neil,

Our data collection workflow has reached the point that we need this now. We would like to have Carl take on this as high priority if you have not gotten too far.

Assign this issue to Carl if you agree and give him some pointer on where to start if you have idea already. I was told that the input is the same as ctffind.

#2 - 03/09/2016 03:49 PM - Neil Voss
- Assignee changed from Neil Voss to Carl Negro

I do not have a GPU setup for now (it is planned and I have the pieces, but not setup), so I cannot get it running.

Things to consider: (1) If you are looking for speed you are going to have to stop using my CTF display stuff, because it will be much slower. (2) my CTF display will not know if GCTF will give a better value because it is still working on the regular micrograph.

Should be really straight-forward to implement, just see the ctffind4 code.

#3 - 01/24/2018 10:06 PM - Anchi Cheng
- Status changed from Assigned to Closed
- Target version set to Appion/Leginon 3.3

works