Appion - Feature #4514
transfer ctf results from non dose-weighted images to dose-weighted ones
10/08/2016 12:53 AM - Anchi Cheng

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Start date:</th>
<th>10/08/2016</th>
</tr>
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<td>Due date:</td>
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<tr>
<td>Assignee:</td>
<td>Anchi Cheng</td>
<td>% Done:</td>
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<td>Spent time:</td>
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Description
Since ctf fits better with non-dose-weighted images, the transfer is useful

Related issues:
Related to Appion - Feature #5159: Check all sibling images for CTF info

Associated revisions
Revision fae16723 - 10/08/2016 12:55 AM - Anchi Cheng
refs #4514 transfer ctf results with preset and ctfrun specified

Revision 3e2e3acc - 11/01/2016 11:09 PM - Anchi Cheng
refs #4514 handle bestdb, better param record, and transfer viewer status, too.

Revision 6d265be5 - 11/14/2016 03:49 PM - Anchi Cheng
refs #4514 direct query

Revision 1f65b1e4 - 11/14/2016 04:26 PM - Anchi Cheng
refs #4514 transfer image viewer status for all images

Revision b585e7fb - 11/17/2016 03:38 PM - Anchi Cheng
refs #4514 gui for transferCtfResults

Revision e93a53e6 - 11/17/2016 10:09 PM - Anchi Cheng
refs #4514 case-sensitive?

History
#1 - 10/08/2016 01:01 AM - Anchi Cheng
First iteration of the script committed. Inputs are presets from and to and ctfrunid. bestdb option is possible but will not match ctf run parameters, and not yet tested.

Example

transferCtfResults.py --projectid=4 --session=16oct04c --expid=19 --preset=ex-a-DW --frompreset=ex-a --ctfrunid=1 --runname=ctffind4run1T --rundir=/nis/ucsd-02/appion/16oct04c/ctf/ctffind4run1T --commit --description='transfer from ex-a to ex-a-DW'

#2 - 11/01/2016 11:18 PM - Anchi Cheng
Also add viewer status transfer. and --sort option to choose how to choose bestdb. In particular, resPkg is the resolution fitting is "good" to in ctffind4 (similar to res50) or gCtf (EPA resolution).

#3 - 11/14/2016 04:32 PM - Anchi Cheng
1f65b1e4 fixed a bug introduced earlier and also make image viewer status transfer applied to all images so that hidden status is transferred, too.

#4 - 01/23/2018 12:05 PM - Anchi Cheng
- Related to Feature #5159: Check all sibling images for CTF info added
With the implementation in Issue #5159, ctf transfer is needed only if ctfrunid is specified and/or if limageViewerStatus needs to be transferred.

- Status changed from Assigned to Closed