

2019-04-24 Brown Dog Meeting notes

Date

24 Apr 2019

Attendees

- Yan Zhao - absent
- Sandeep Puthanveetil Satheesan -
- Luigi Marini -
- Shannon Bradley -
- Mark Fredricksen -
- Rob Kooper - absent
- Kenton McHenry - absent
- Gregory Jansen - absent
- Dukyun Nam
- Deren Kudeki - absent

Discussion items

New version of tools catalog is still a focus to release

Time	Item	Who	Notes																																
		Shannon	coordinating Pollen clowder image																																
		Sandeep	- Developed green index extractor for images and deployed on development instance - does not have a bamboo plan - does not have permissions to make one? - get with Rob - will then need to go to production - Shared docs with Matt Browning and team. Will schedule a meeting next week. - Met with Matias about dataset question and Box skill in general - Dataset is curated subset of DES DR1 (https://des.ncsa.illinois.edu/releases/dr1) with images of galaxies with higher brightness levels - It contains about 60,000+ images. The model was trained using about 12,000+ images and currently the Box skill finds similar galaxies from these 12K images. - There is metadata associated with each of the galaxies, which might be useful to a researcher. Would need to use a different card to display (transcript card maybe?) - Example:<table><tr><th>ID</th><th>RA</th><th>DEC</th><th>G</th><th>R</th><th>I</th><th>Y</th><th>Z</th></tr><tr><th>NAME</th><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>392371906</td><td>59.556006</td><td>-31.279512</td><td>16.57033157</td><td>15.91237926</td><td>15.5947876</td><td>15.27796268</td><td>15.38665581</td></tr><tr><td>35813.4-311646.2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> - Paper about dataset: https://arxiv.org/abs/1801.03181 - Have not communicated with the student who requested access yet - Nikhar Mamtora - give him the directory to try it out - only give temporary access	ID	RA	DEC	G	R	I	Y	Z	NAME								392371906	59.556006	-31.279512	16.57033157	15.91237926	15.5947876	15.27796268	15.38665581	35813.4-311646.2							
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		Mark	not much time to work on docker compose file - have found some Rob files released for Pecan which could be reviewed for info - focus on bd fiddle, fence, rest of what he already has persistent volume - yes - mongo, filesystems for polyclot and clowder should be persistent redis snapshots - so will need it Tools catalog next saw test failures a couple hours ago - will look at them dbpedia is down because their end point is down - hoping it will come back up OR may need to change to a different end point - can we catch this and display the endpoint data of "under maintenance"																																
		Deren	no updates																																
		Luigi	good meetings with Pollen team - setting up clowder instance for them to play with we need to discuss when people try things out - should we just point them to a central instance - clowder demo and maintain properly																																
		Rob	worked on ☒ BD-2339 - Setup a Clowder Instance called PollenImage DONE																																
		Greg	This week I am working on packaging the punch card reader as an extractor. It is just a library and a CLI at the moment.																																

		Dukyun Nam	learning tensor flow and keras checking information on image file - not on pavement files try sidewalk images first GPU nodes - can sign up for nodes / make a request for this project Barbara also has a GPU node as well
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To Dos - Tasks

