

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	<ul style="list-style-type: none">• Developed green index extractor for images and deployed on development instance<ul style="list-style-type: none">◦ 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<ul style="list-style-type: none">◦ 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?)<ul style="list-style-type: none">▪ Example:<table><tr><td>• ID</td><td>RA</td><td>DEC</td><td>G</td><td>R</td><td>I</td><td>Y</td><td>Z</td></tr><tr><td>NAME</td><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>DESJ0</td></tr></table>◦ Paper about dataset: https://arxiv.org/abs/1801.03181◦ Have not communicated with the student who requested access yet - Nikhar Mamtora<ul style="list-style-type: none">▪ 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							DESJ0
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		Mark	<p>not much time to work on docker compose file - have found some Rob files released for Pecan which could be reviewed for info -</p> <p>focus on bd fiddle, fence, rest of what he already has</p> <p>persistent volume - yes - mongo, filesystems for polyclot and clowder should be persistent</p> <p>redis snapshots - so will need it</p> <p>Tools catalog next</p> <p>saw test failures a couple hours ago - will look at them</p> <p>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"</p>																																
		Deren	no updates																																
		Luigi	<p>good meetings with Pollen team - setting up clowder instance for them to play with</p> <p>we need to discuss when people try things out - should we just point them to a central instance - clowder demo and maintain properly</p>																																
		Rob	worked on <input checked="" type="checkbox"/> BD-2339 - Setup a Clowder Instance called PollenImage <input type="button" value="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	<p>learning tensor flow and keras</p> <p>checking information on image file - not on pavement files</p> <p>try sidewalk images first</p> <p>GPU nodes - can sign up for nodes / make a request for this project</p> <p>Barbara also has a GPU node as well</p>
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To Dos - Tasks

