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: • ID RA DEC G R I Y Z NAME • 392371906 59.556006 -31.279512 16.57033157 15.91237926 15.5947876 15.27796268 15.38665581 DESJ035813.4-311646.2 ◦ 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
		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

To Dos - Tasks

- [ ]