

Meeting Minutes

Date 28/07/21 Time 20:00

Attendees

Andrew Smith
Adam Blewitt
Pat Funnell
Cameron Nyberg

Agenda

❖ Meeting content

- ❖ Andrew
 - Script to convert VGG to image masks
- ❖ Cam
 - Scale images down to process faster
- ❖ Pat
 - Jira being received very positively by stakeholders
- ❖ Nik's email:
 - Image concatenation - hopefully fairly easy, lots of documentation
 - Finalisation of clustering/contouring
 - Semantic segmentation
 - Image normalisation should be applied to all images
 - Combining issues, gdal may assist
- ❖ End-to-end notebook:
 - Constant settings in specific cell - other cells not configurable
 - Logging - a bit inconsistent
 - Success/failures listed at bottom
- ❖ General:
 - Solidify process for quickly re-training
 - Darren's normalisation will play a big role
 - Adam/Darren - some problematic images to test
 - Do we really need the images at the current scale?
 - Pat/Darren - 30 min chat friday night
- ❖ Git:
 - New repo?
 - Need to talk to simon
 - Look to clean things up
 - Different branch for each method
 - New structure for master/dev - folder of test notebooks that don't get pushed
 - `git merge --no-commit`
 - <https://stackoverflow.com/questions/7014150/merge-a-git-branch-while-excluding-changes-to-some-directory/7014667#7014667>

❖ Issues and Challenges

- ❖ Training model sometimes struggling with provided datasets
- ❖ Resources with combining images to mosaic

❖ To Be Actioned

- ❖ PSR
 - All/next few nights
- ❖ Cam/Andrew
 - Semantic segmentation
- ❖ Pat
 - Implementation of S3 bucket downloads in end to end notebook
 - Use nrg_image_storage_directory var
- ❖ All
 - Image annotations
 - Aim for at least 10-20 each for Friday meeting with DCS/Intellify