

Meet the Architect

Join us for our next [Meet the Architect session](#), featuring CORTX developer Tim Shaffer who will discuss asynchronous S3 replication, which uses CORTX's FDMI capabilities to replicate data between S3 buckets and between clusters.

And if you missed last month's talk by Liana Valdes or want a refresher on FDMI, you can catch it on Youtube.

CORTX UCD Micro-Hackathon

We recently hosted our first-ever University micro-hackathon at University College Dublin in collaboration with UCD's Woman@CompSci club. 28 students participated, broken into 8 teams, and ranged from first-years to postgrads.

We challenged students to create a python script that would keep track of the 40 most popular words in a folder of their choice on their desktop in order to emulate the FDMI functionality of CORTX. The idea for the challenge was to emulate a storage system using a local folder and then create a python script that would "listen" to that folder and update the word count as files were added. 5 out of the 8 teams managed to complete the challenge within the 2-hour window we gave them. One team even managed to add an interesting printing function. The CORTX team is looking forward to further partnerships with UCD and other universities.

ICYMI

Weekly round up of some things you may have missed in CORTX last week:

Recent updates to CORTX:

- There was a really exciting PR in the main repo that [added the steps to setup a single node Kubernetes](#) deployment of CORTX
- Another PR in the main repo was made to remove the "[cannot validate certificate](#)" error when using CORTX s3
- There was also another interesting PR that created a high level document explaining [FDMI](#).

Some open Issues/Discussions:

- There was an issue in the cortx-motr repo where the user experienced [a failure when running tests in Motr](#).
- There was another issue in cortx-motr where there was [some confusion setting up cortx-motr](#).
- There was an [issue in the cortx-prvsnr repo](#) which was made to add README files for cortx-provisioner and provisioner test framework.

Slack Discussions:

There was an interesting discussion in the #cortx-motr Slack channel about whether [NFS is supported](#).