Day 1

* Wrote out task list to break the problem down to get a better understanding of what to research/do
* Trying to figure out how to add my own metadata to an image
* Myles told me to use exiftool – a tool for terminal to add metadata to assets
* Martin showed me where to find metadata schemas/profiles, launcher, and workflow areas
* The workflow I want to extend is the DAM Update Asset, need to add a process to it
* Created a workflow launcher for one of my asset folders

Day 2

* Made copy of DAM Update Asset workflow
* Tested uploading asset to the DAM to check what metadata it can grab
* Found list of metadata in CRX that it can pull and link to properties by default (EXIF, XMP,etc…)
* Added non-default properties to an image and uploaded to see if it could link in the DAM
* Tried to create my own properties in CRX, but when uploading assets the DAM wouldn’t know it is there – tried to find some area that stored a list of properties that AEM knew to link (did not find)

Day 3

* Set a goal to write a script to go through metadata and associate it with metadata nodes
* Created an ecma script to just print to log and referenced it by a generic process which I put in the workflow
* Adding the process makes it so nothing uploads, it does not go past the process I added
* Copied the metadataprocessprocessor, and sent it arguments for testing, but still no luck in uploading assets
* Thinking this is not the way, I start looking into media handlers
* All handlers extract all available metadata properties, I need to add properties to link those values
* Added properties to /libs/dam/options/metadata , but AEM cannot find it automatically

Day 4

* Found a resource that explains creating a process by creating a workflow package to be uploaded to AEM
* When changing the POM file to what it said to change it to, it gave me too many errors so I went back to look at the AEM documentation/support pages and the AEM community
* Call with Kenny&Hootsuite pretty much all afternoon

Day 5

* Research into metadata & metadata namespaces, ive been trying with EXIF but I should be using XMP as it is extensible
* Got help from Martin, need to create my own workflow package, and override the execute function
* Created package and uploaded, tested to make sure it was uploaded and ran without errors by just printing log.info() and tail -f’ing the running instance

Day 6&7

* Checked Java docs to find which methods do things with metadata
* More research on metadata, and the execute function I’m overriding (a lot of words and classes I’m not familiar with)
* Checked the error log and com.adobe.granite.workflow is mentioned, look into granite workflow docs
* When getting the asset, it returns a metadatamap which then returns valuemapwrapper
* Find another resource that shows how to get the path of the asset, and some info on it
* A lot of missing imports to go through and check which one to use
* Errors with resourceResolver, adaptTo(), etc… cannot find working examples
* Go back to rogers-cce project… makes sense now... TO BE CONTINUED