DMP Implementation Status of IPP

2024-05-08

Sundry

- Started digging into readaug
  - git@gitlab.eufus.psnc.pl:data-access-tools/readaug.git
  - Some updates are needed
    - cpo.create_env(os.getenv('USER'), 'aug', '3') →
      cpo.create_env_backend(os.getenv('USER'), 'aug', '3', imas.imasdef.HDF5_BACKEND)
    - Replacing "(0.0000d0, i=1,12)" by 12 copies of 0.0000d0, …
    - Cleaner version finding based on history.txt
    - Grabbing the correct dimensions rather hard coding in some assumptions
  - Still fighting
    - Mappings are hard coded instead of coming from the mapping files
    - Have found a "xmltodict" package which seems to offer a cleaner interface than "xml.etree.ElementTree"
      - Rather than root[1][0][6][2] something like
        D['pfsystems']['pfcoils']['desc_pfcoils']['pfelement']['turnsign']