Getting started with PyDatAnalysis

1. Make a new branch of repo.
2. Make a new ExpSpecific file in DataStandardize > ExpSpecific
   1. Probably easiest to duplicate last used and modify from there
   2. Main things it should contain are:
      1. Subclass of ExpConfigBase (For Experiment specific things)
      2. Subclass of SysConfigBase (For System specific things)
      3. Subclass of Exp2HDF (What is interacted with in program (i.e. nothing is ever asked of ExpConfig or SysConfig directly (I think) so overriding here should be sufficient to change behaviour)
3. Set new Exp2HDF as default in DatObject > Make\_Dat.py by changing default\_Exp2HDF to point to the new subclass of Exp2HDF
4. To load dats use an instance of DatHandler() which is a singleton which keeps track of what is already open.
   1. E.g.  
      ```  
      from DatObject.Make\_Dat import DatHandler  
      DH = DatHandler()  
      dat = DH.get\_dat(<datnum>, [optional args])   
      ```