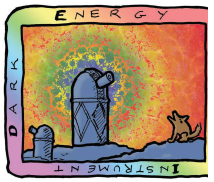
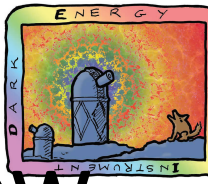
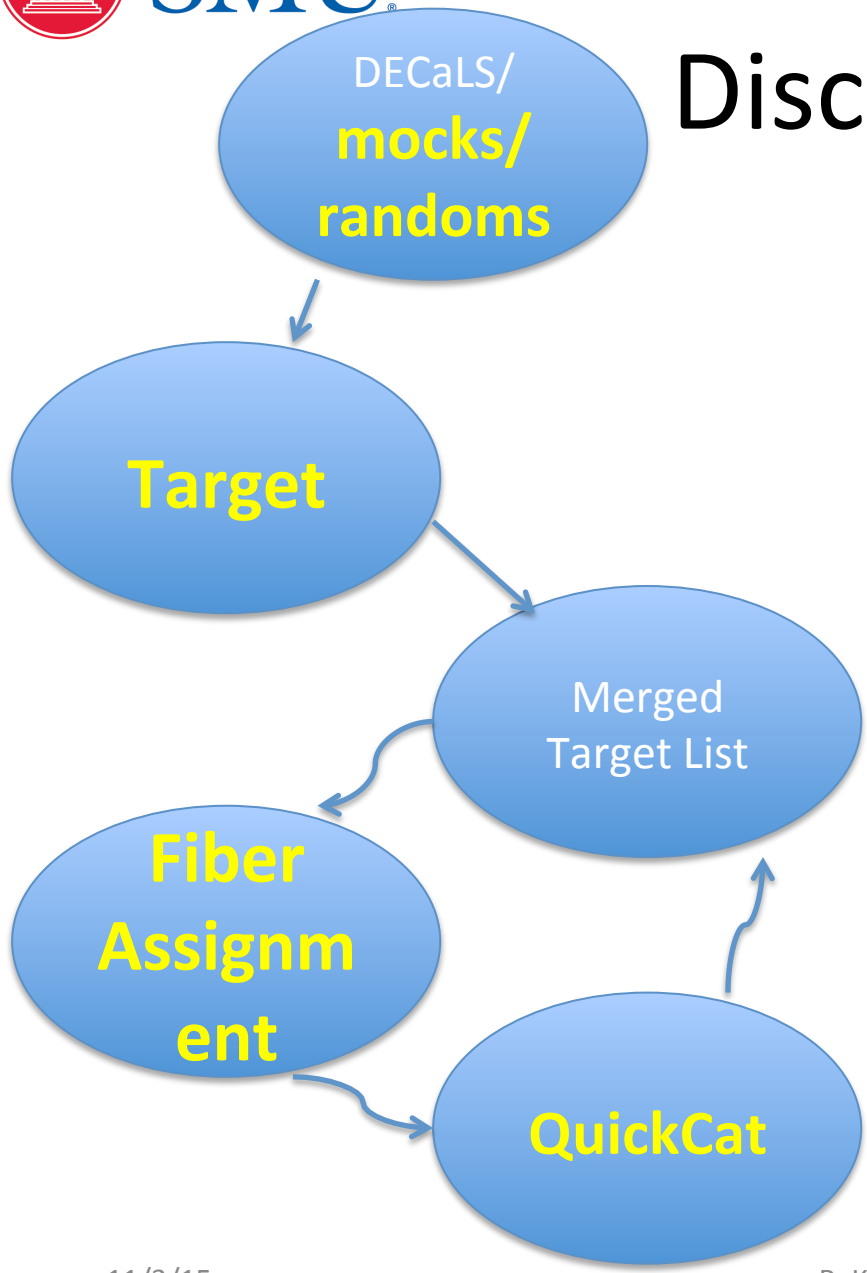


QuickCat Update #1

- Zeroth Draft 'beta' of QuickCat (J. Forero-Romero, B. Cahn, S. Bailey)
  - Input 'truth' files: FITS format
    - RA, dec, redshift
  - Copy input redshift to output redshift
  - Output 'measured' files: FITS
  - Some difficulty with fiber assignment
- Arise discussion of factorizing fiber assignment and related code

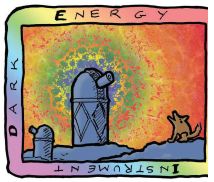


Discussion of Data Flow

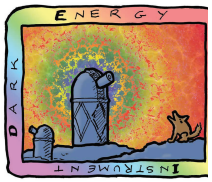


- discussed relevance to processing of imaging randoms, and mocks
  - w/LSS (Lado, Angela, Mariana)
- Inputs
  - Fiber assignment output
  - 'truth' input
  - Linked by target ID
- Output
  - Superset of current spectroscopic pipeline output format

File formats



- Truth input:
  - RA
  - Dec
  - Redshift
  - **Broadband magnitudes**
  - **Key line/feature fluxes**
    - **Eg. [OII] doublet for ELGs**
  - Type, subtype
  - Target ID
  - Retain FITS format
- QuickCat output
  - **Z_i**
  - **Broadband magnitudes**
  - **Key line feature flux**
  - Type, subtype
  - Error Z_i, magnitudes, fluxes
  - Chi-squareds
  - FLAGS
  - Target ID



Current status, plans

- Attempting to run zeroth draft
  - Change last night in fiber assignment – not able to run at first – now compiles at NERSC!!!
    - Remaining problem reading MTL input
    - Will skip fiber assignment, and use inputs from weekend

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  - Will want to get to working version and tag it to freeze for rest of workshop
- QuickCat work
  - Implement stand-in for remainder of input and output file information

- Afternoon:
  - Redshift fitting session
    - Redmonster presentation and tutorial
    - Quick-z (UM) redshift fitter
  - 2nd session:
    - Revisit QuickCat zeroth draft
    - Running and complete
    - Start work to input initial measured redshift parametrizations
      - ELGs, LRGs?