Case Study: CosmoSIS

- CosmoSIS project - cosmological parameter estimation
- Many dependencies, multi-language architecture
    - GCC, GSL, CFITSIO, FFTW, Lapack, Git, Python 2.7, Numpy, Scipy, Nose, PyYaml, Matplotlib, Emcee
- Large majority of issues associated with installation
    - Consistency very hard to maintain for manual installs

Case Study: Issues Page

#254: Make fails `installation`

#251: Installation error on Ubuntu 16.04 `installation`

#250: Error with Sierra installation using the bootstrap ups branch `installation`

#249: Compilation error related to multinest & libgfortran `installation`

#248: make fails on first installation `installation`

#247: problems with manual install `installation`

#242: Installation error in docker method: outdated pip? `installation`

#234: Error with manual installation `installation`

#217: Installation fail due to python 3.5 being installed `installation`

#208: unable to run cosmosis example/example_a.ini on docker `installation`

#207: Installation error OSX 10.9.3 : ImportError: No module named urllib3 `installation`

#200: el Capitan woes (linking libraries and seg fault) `installation`

#194: About the setup script_setup-my-cosmosis `installation`

#193: `GFORTRAN_1.4' not found `installation`

#183: Unable to run make in RedHat 6 (initial buildup) `installation`

#179: Cannot install matplotlib `installation`

#177: Can't compile cosmosis `installation`

#167: compiling error /usr/bin/ld: cannot find -lblas `installation`

#166: Seg fault when running demo 16 `installation`

#161: Installation failing - URL for package no longer works `installation`