

# Case Study:

- 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 multineest & 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#242: Installation error in docker method: outdated pip?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