# SFL\_DIAGNOSER

Spectrum-based Fault Localization package written in python 2.7.

## Package install

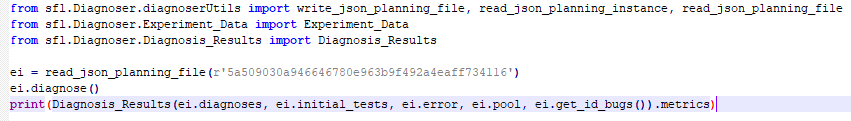
Git clone https://github.com/amir9979/SFL-diagnoser.git

Cd SFL-diagnoser

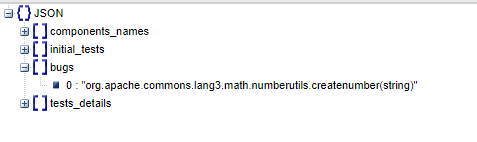
## Usage Example

The following example do the following:

Read an input file named "temp\_matrix.txt" that describe the sfl matrix. The diagnose it.  
Later, use the Diagnosis\_Results class to evaluate it.



## Input File



The input is a json file with the following keys:

Component names- list of tuples of component index and component name

Bugs – list of the real diagnosis

Initial Tests – list of the test in the initial matrix

Test Details – Description of the tests of this instance (initials and non-initials), each test description is list of test name, list of test components, test result.  
