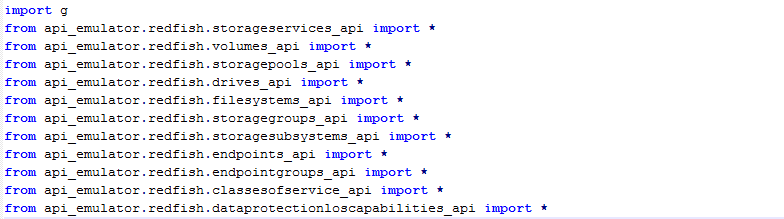
**Swordfish API – Developer Documentation**

**please find python installation and configuration documentation for windows and ubuntu Before jumping in to this documents**

1. **Code Overview:**
   * + 1. **Editing resource\_manager.py file**:

The redfish root structure is defined in Resourcemanager.py file . so now we have to make some suggested changes to run swordfish emulator.

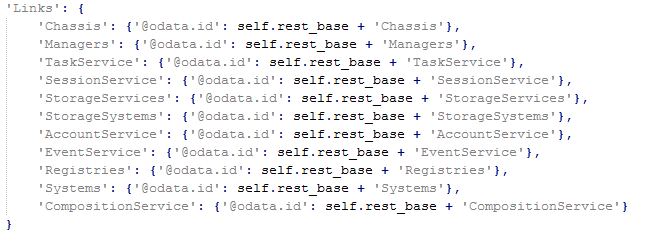
Below are the Screenshots for major changes.

A) Import all the Swordfish files 

B) create Parent and child resources with uri’s

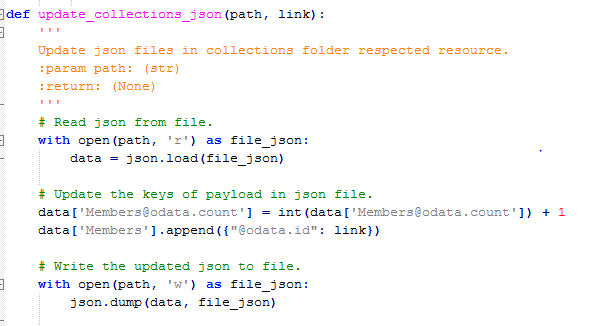


c) Configure New services StorageSystems and StorageServices



1. **Editing Utils.py file:**

We added new service for members count.



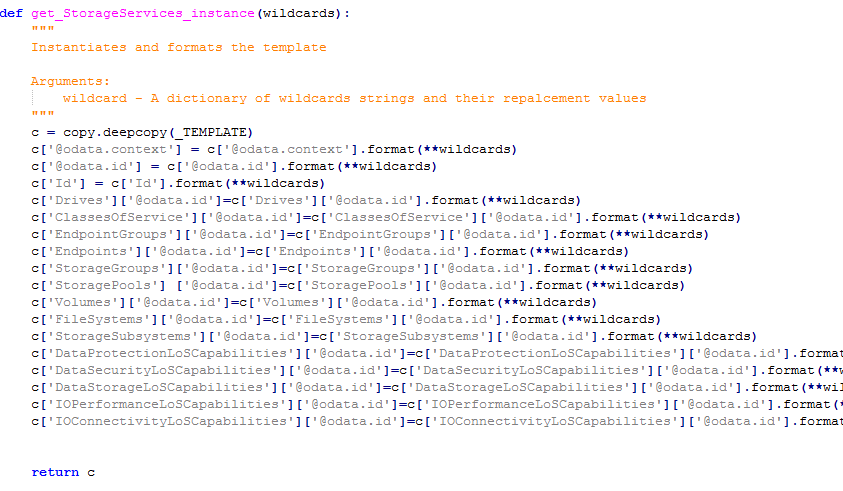
1. **Implementing Dynamic structure**

* The static resources are in /api\_emulator/redfish/static/.. Folder, these are just a simple copy .we are creating dynamic resources.
* The dynamic resource is in /Resource/.. Folder .We can specify any path to declare the dynamic resources.
* We have to create a template file and api files for dynamic structure.

1. **Writing l Template Files:**

* The template files are to unique files and singletons . for each and every new collection we have to create a template file. This template structure consists of a template declaration and function.
* The template is similar to json in mockups.

Below are the screens of template .



1. Writing API Files:

