**Post Processor Code**:

**Language:**

Python 2.7

**Database:**

DB2

**Directory Structure:**

custody\_nucleus

|\_\_\_\_\_\_\_\_\_\_ readme.txt

|\_\_\_\_\_\_\_\_\_\_ main.py

|\_\_\_\_\_\_\_\_\_\_ Config

| |\_\_\_\_\_\_\_\_\_\_ Config.ini

|\_\_\_\_\_\_\_\_\_\_ Docs

| |\_\_\_\_\_\_\_\_\_\_ Code\_Description.docx

|\_\_\_\_\_\_\_\_\_\_ Logs

| |\_\_\_\_\_\_\_\_\_\_ Main.log

|\_\_\_\_\_\_\_\_\_\_ Modules

|\_\_\_\_\_\_\_\_\_\_ \_\_init\_\_.py

|\_\_\_\_\_\_\_\_\_\_ Common.py

|\_\_\_\_\_\_\_\_\_\_ Constants.py

|\_\_\_\_\_\_\_\_\_\_ DBManager.py

|\_\_\_\_\_\_\_\_\_\_ Logger.py

|\_\_\_\_\_\_\_\_\_\_ RulesEngine.py

**Directories:**

**Config:**

Contains configuration files.

**Docs:**

Contains code related documents.

**Logs**:

Contains log files.

**Modules**:

Contains all modules used in code.

**Files**:

**readme.txt:**

Help text and description

**main.py:**

Execution point of the program

**Config.ini:**

Configuration file containing different section so that only required configuration can be loaded.

**Code\_Description.docx:**

Contains description about all the files and directories of code.

**Main.log:**

Log file to store all log information. Log information is further classified into info, warning and error.

**\_\_init\_\_.py:**

This file is required to consider the directory as package. This is needed when we import any module from this directory.

**Common.py:**

Contains all common functions which can be called by other modules.

Constants.py:

Contains all constants which can be used all over the code.

**DBManager.py:**

Contains all database communication functions.

**Logger.py:**

Contains function to configure and return logger which can be used all over the code to log everything in log file.

**RulesEngine.py:**

Contains function to run rule engine.