

How to retire files

- Connect to fcdfsam1 as sam:

```
$ ssh sam@fcdfsam1
```

- Set up the environment:

```
$ source setups.sh
```

```
$ cd retirefiles
```

```
$ setup cx_oracle
```

```
$ setup sam
```

```
$ setup python v2_4_5
```

```
$ export ORACLE_CONNECT=<username>/<password>@cdfopfprd  
where <username> and <password> are your username and password  
for the cdfopfpr2 (production database) machine
```

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- Create a text file with a list of file names to be retired, one name per line
 - Example: CDFDH337_files_to_retire.txt
- Note: The oracle account needs to have the SAM_SUPPORT and SAM_RETIRED_DATE_UPDATE roles.
- Run the python script which checks for cached files, where *<files_to_retire>* is the list of file names to be retired:

```
$ python retire_files.py <files_to_retire>.txt | tee <files_to_retire>.log
```
- Note: the retire_files.py script also resides in the CDCVS package sam_shifter_utils
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- If the script output claims a file is cached on a station, then execute the command it provides to uncache the file. It should be of the format:

```
$ samadmin remove station file -station=<stationname>  
--file=<filename>
```

where <stationname> is a valid station name and <filename> is the name of the file to be uncached.

- Repeat the pervious two steps (running the script and looking for cached files) until the script output has confirmed that all the input files are retired.
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- For security purposes, un-set the value of ORACLE_CONNECT

```
$ export ORACLE_CONNECT=
```
- If a file is retired because it is corrupt, please make sure it is also marked as “bad” in the database.
- Done!