

# Migration/Validation/Backfilling Utilities

## 1. FraudReview Utility :

**Description :** This Utility removes ratings and recommendation given by users having common domain (ex. [mailinator.com](http://mailinator.com)) , which are temporary email service provider

### Command :

```
java -Dconfig.location=PATHTOCONFIG -Dmode=MODE -Doperation=OPERATION -Dlog4j.configurationFile=LOGLOCATION  
-DinputFile=INPUTFILE -cp fraudreviews.jar com.snapdeal.reviews.fraudreviews.FraudReviewsApp
```

**PATHTOCONFIG** – path to config folder which contains properties file

**MODE** – Mode Of Operation

Various Modes

1) use 'discovery' for running jar in discovery mode

In Discovery Mode the utility creates a file which contains the total reviews/rating to be affected

2) use 'action' for running jar in action mode

In action Mode the utility deletes rating/recommendation and rejects review

**OPERATION** – Operation that needs to be performed

1) 'mailinator' – removing ratings and recommendation given through [mailinator.com](http://mailinator.com)

2) 'pogid' -- rejecting reviews and deleting ratings given by non verified buyer for list of pog Id's

3) 'duplicate'

4) 'competitor' – rejecting reviews which has competitor mentions

5) 'userid' – reject reviews given by List of userId's

6) 'reviewid' – reject reviews for list of reviewId's

**LOGLOCATION** – path to the log4j2.xml and edit the path where logs will be stored

**INPUTFILE** – path of input file for giving input to the utility for some sub tasks

Also Add fraudreviews.properties in the config folder

which has two entries

output.file.path=path for storing output files(location where output files will be stored for both modes )

order.status.list=comma seperated list of allowed order ids use Codes three character

**Example:**

```
INITIATED("INI"),
WAITING_FOR_FULL_PAYMENT("WFP"),
CREATED("CRD"),
WAITING_FOR_FULFILLMENT("WFF"),
SHIPPED("SHP"),
DELIVERED("DEL"),
RETURNED("RTN"),
CANCELLED("CLD"),
PARTIALLY_CANCELLED("PCD"),
CLOSED_FOR_SECONDARY_SUBORDER("CFS"),
CLOSED_FOR_ALTERNATE_SUBORDER("CFA"),
CLOSED_FOR_VENDOR_REALLOCATION_SUBORDER("CVR"),
TO_BE_REJECTED("TBR"),
INVALID("INV")
```

## **2. Cassandra to Elastic Search Review Data Migration :-**

Description :- Migrates data from Cassandra to Elastic Search. As part of Search with RnR, the mapping of Elastic Search required changes (some of the fields like comments, headline, nickName were made analyzed fields). This in-turn led to re-indexing of whole data in Elastic Search.

**Command :-**

```
java -jar -Dmigration="CasandraToElasticSearchMigration" -Dxml.location=<config-location> -Dconfig.location=<config-location>
pwrdatamigration.jar
```

config-location - location where all the configs like aerospike, cassandra properties are present

**Remember to stop event-consumer when running this utility (so that no new data is pushed to ES while re-indexing).**

**Sample Input :-**

migration.properties - create file in <config-location> if not existing.

dir\_path=./pwrreviews/

server\_base\_url=<http://localhost:8080>

reviews\_thread\_pool\_count=1

ratings\_thread\_pool\_count=1

## **3. Job to Update Most Helpful Positive/Critical review in Rejected to Approved Review :-**

Description :- Updates the Most Helpful Positive/Critical reviews in object stats in rejected state to approved review with highest quality score. This review is fetched from Elastic search.

**Command :-**

```
java -jar -Dmigration="MostHelpfulReviewsFillUpTask" -Dxml.location=<config-location> -Dconfig.location=<config-location> -Daction=<action-name> pwrdatamigration.jar
```

action-name = DISCOVER, UPDATE\_REVIEW\_STATS

default-value for action-name = UPDATE\_REVIEW\_STATS

config-location - location where all the configs like aerospike, cassandra properties are present