

Destination Cleaning

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I. TASK

There are over 3,000,000 raw destinations have not been cleaned in our database. Similar to Destination translation, I extract data from our database using PostgreSQL, and figured out the right country code and city code, then changed the "isclean" to "T".

II. CODE

```
select count(*) from as_alias_dest -----total number of raw destinations needed
to be cleaned: currently 3,665,878
```

```
-----group by country code-----
select uncountry, count(uncountry) from as_alias_dest where isclean = 'f'
group by 1
order by count(*) desc
```

```
-----Group by and list different location codes under a specific Country code-----
select unlocation, count(*) from as_alias_dest where isclean= 'f' and uncountry =
'FR'
group by unlocation
order by count(*) desc
```

```
----- count numbers of different transformed data under a specific location code,
and order them by a descending number-----
select transformed, count(transformed) from as_alias_dest where isclean= 'f' and
uncountry= 'FR' and unlocation= 'LEH'
group by 1
order by count(transformed) desc
```

```
--Search for the corresponding raw data based the largest number of transformed data-
select * from as_alias_dest where isclean = 'f' and uncountry = 'FR' and
unlocation='LEH' and transformed ilike '%LEH' and raw not ilike '%"%' and raw not
ilike '%"%'
and REVERSE(substring(REVERSE(raw),1,3)) not in (select lo_city_code from
lookup.port_un)
and REVERSE(substring(REVERSE(raw),1,2)) not in (select lo_country_code from
lookup.port_un)
order by length(raw)
```

```
select COUNT(*) from (
select uncountry, count(uncountry) from as_alias_dest where unlocation = 'OGS' group
by uncountry) as a -----search for a specific city code, and check if there
are more than one country have the same city code
```

```
select uncountry, count(uncountry) from as_alias_dest where isclean = 'f' and
unlocation = 'RTM'
group by 1
```

order by 2 DESC; -----If the specific city have more than one corresponding country codes, list them all and the numbers for each country

select * from as_alias_dest where isclean = 'f' **and** unlocation = 'OGS';

select * from as_alias_dest where isclean = 'f' **and** uncounrty = 'NL'

update as_alias_dest **set** uncounrty = 'CN',unlocation = 'SHA', isclean = 't' **where** raw = 'XXX';