

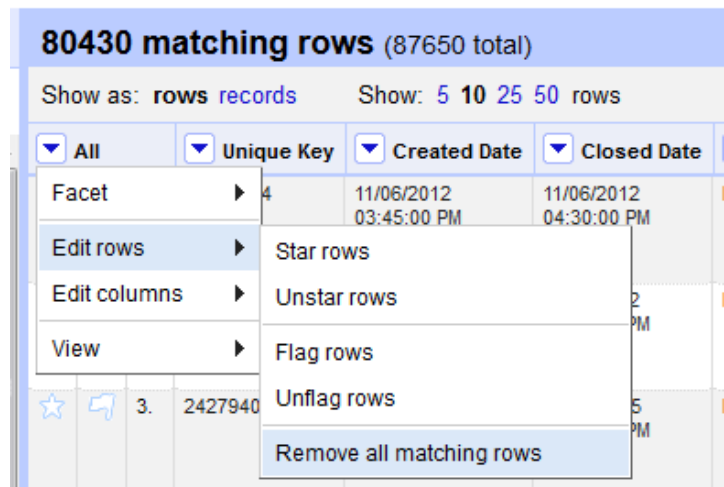
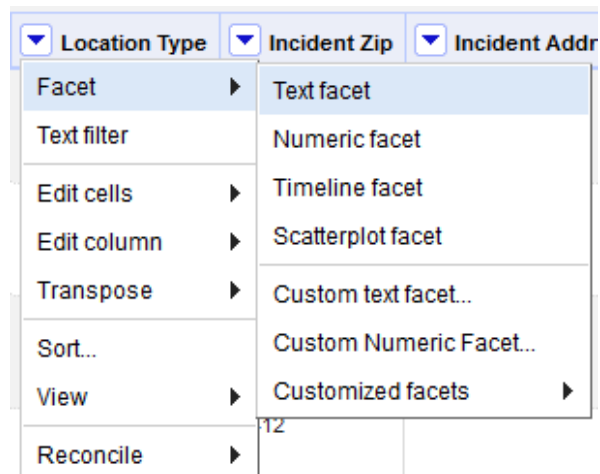
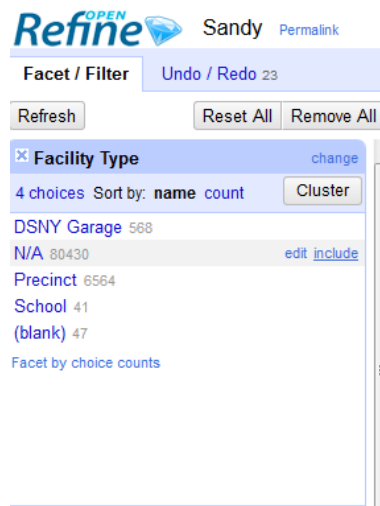
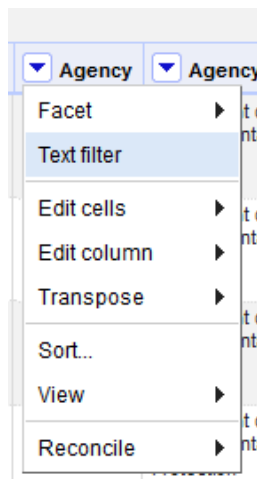
OPEN REFINE USE CASES

1. Remove rows with NA

- Facet > Text Facet > Include/Exclude the value in the Facet/Filter
- All > Edit Rows > Remove all Matching Rows

2. Filter rows with NA

- Column > Text Filter > Include/Exclude the value in the Facet/Filter>
- All> Edit Rows > Remove all Matching Rows



3. Remove brackets around text

Edit Cells > Column Transform > Expression box :

`value.split("(")[0].split(" ")[0]`

Custom text transform on column Location

Expression Language General Refine Expression Language (GREL) ▼

`value.split("(")[0].split(" ")[0]` No syntax error.

[Preview](#) [History](#) [Starred](#) [Help](#)

row	value	value.split("(")[0].split(" ")[0]
1.	(40.70589189627768, -74.00718108060579)	40.70589189627768, -74.00718108060579
2.	(40.700690472920385, -73.99145262019468)	40.700690472920385, -73.99145262019468
3.	(40.600192526694336, -74.13594010491418)	40.600192526694336, -74.13594010491418
4.	(40.69984449968903, -73.76110166693283)	40.69984449968903, -73.76110166693283
5.	(40.54934793781933, -74.19807333512149)	40.54934793781933, -74.19807333512149
6.	(40.63415642136227, -73.91534639713772)	40.63415642136227, -73.91534639713772

4. Split a column into multiple columns

Edit Column > Split into Several Columns

Extensions

« first < previous 1 - 10 next > last »

id	NewAddress	Longitude	Location
189627768	https://maps.googleapis.com/maps/api/geocode/json?latlng=40.70589189627768,-74.00718108060579	-74.00718108060579	40.70589189627768, -74.00718108060579
0472920385	https://maps.googleapis.com/maps/api/geocode/json?latlng=40.700690472920385,-73.99145262019468	-73.99145262019468	40.700690472920385, -73.99145262019468
25			40.600192526694336, -74.13594010491418
44			40.69984449968903, -73.76110166693283
75		4.19807333512149	40.54934793781933, -74.19807333512149
64		3.91534639713772	40.63415642136227, -73.91534639713772

Context menu for 'NewAddress' column:

- Split into several columns...
- Add column based on this column...
- Add column by fetching URLs...
- Rename this column
- Remove this column
- Move column to beginning
- Move column to end
- Move column left
- Move column right

Context menu for 'Longitude' column:

- Facet
- Text filter
- Edit cells
- Edit column
- Transpose
- Sort...
- View
- Reconcile

Split column Location into several columns

How to Split Column

☒ by separator

Separator ☐ regular expression

Split into columns at most (leave blank for no limit)

☐ by field lengths

List of integers separated by commas, e.g., 5, 7, 15

OK

Cancel

After Splitting

☒ Guess cell type

☒ Remove this column

Location 1	Location 2
40.70589189627768	-74.00718108060579
40.700690472920385	-73.99145262019468
40.600192526694336	-74.13594010491418
40.69984449968903	-73.76110166693283
40.54934793781933	-74.19807333512149
40.63415642136227	-73.91534639713772
40.76744446499667	-73.93568959811724
40.759246703887264	-73.96225017580295
40.740390714321514	-74.00785961426058
40.75867870047771	-73.82908034407976

5. Multi-column operations

All columns in the project

```
forEach(row.columnNames,cn,cells[cn].value)
```

Merge all columns in the project into single column

```
forEach(row.columnNames,cn,cells[cn].value).join("|")
```

Count rows with some blank cells

```
filter(row.columnNames,cn,isBlank(cells[cn].value)).length()
```

Custom text transform on column Unique Key

Expression

Language

```
forEach(row.columnNames,cn,cells[cn].value).join("|")
```

No syntax error.

Preview

History

Starred

Help

row	value	forEach(row.columnNames,cn,cells[cn].value).join(" ")
1.	24348614	24348614 11/06/2012 03:45:00 PM 11/06/2012 04:30:00 PM DEP Department of Environmental Protection Industrial Waste Oil Spill Into Basin/Sewer - Small (IABS) Cannot retrieve field from null 10005 80 Pine Street Pine Street Pearl St Water St Cannot retrieve field from null Cannot retrieve field from null ADDRESS New York Cannot retrieve field from null N/A Closed Cannot retrieve field from null 11/06/2012 04:30:00 PM 01 MANHATTAN MANHATTAN 982259 196452 MANHATTAN 40.70589189627768 https://r /maps/api/geocode/json?latlng=40.70589189627768,-74.00718108060579 - 74.00718108060579 40.70589189627768,-74.00718108060579

USEFUL LINKS

<https://github.com/OpenRefine/OpenRefine/wiki/GREL-String-Functions>

<https://github.com/OpenRefine/OpenRefine/wiki/Clustering-In-Depth>

<http://schoolofdata.org/handbook/recipes/cleaning-spending-data-open-refine/>