

2.cleaning.mp4

Timing – 03:33

`value.replace("^", "*")`

The screenshot shows the Refine web interface with a modal dialog titled "Custom text transform on column Column 1". The dialog has a text input field containing the expression `value.replace("^", "*")` and a "Language" dropdown set to "General Refine Expression Language (GREL)". A "No syntax error." message is displayed next to the input. Below the input are tabs for "Preview", "History", "Starred", and "Help". The "Preview" tab is active, showing a table with the following data:

row	value	value.replace("^", "*")
97.	^Alexander Adelaide, h 910 (909) e 1st	*Alexander Adelaide, h 910 (909) e 1st
114.	^Alexander Calvin (Emeline), lab, h 213 1/2 w 1st	*Alexander Calvin (Emeline), lab, h 213 1/2 w 1st
118.	^Alexander Chas, lab, h 410 n A	*Alexander Chas, lab, h 410 n A
129.	^Alexander Eli (Jennie), gro Oil Town, h 900 s Tryon	*Alexander Eli (Jennie), gro Oil Town, h 900 s Tryon

At the bottom of the dialog, there are options for "On error": ☒ keep original, ☐ set to blank, and ☐ store error. There is also a checkbox for "Re-transform up to 10 times until no change". "OK" and "Cancel" buttons are at the bottom.

Timing – 04:52 to 03:45

WEIRD LEAD CHARACTERS IN RECORD 1... On my MAC, I can skip this.

Timing – 06:24

`value.replace("◆", "*")`

Refine^{OPEN} Charlotte 1 txt Permalink Open... Export ▾ Help

Facet / Filter Undo / Redo 1 133 rows Extensions:

Filter: 0. C 1. T 1

Custom text transform on column Column 1

Expression Language General Refine Expression Language (GREL) ▾

`value.replace("◆", "*")` No syntax error.

Preview History Starred Help

121.	Alexander Chas Y, tchr King's Bus College, rms 305 s Church	Alexander Chas Y, tchr King's Bus College, rms 305 s Church
122.	Alexander Clarence W, emp J M Porter, h 1116 s Tryon	Alexander Clarence W, emp J M Porter, h 1116 s Tryon
123.	Alexander Clyde C, painter, h 810 n Brevard	Alexander Clyde C, painter, h 810 n Brevard
124.	*Alexander Daniel (Etta), lab, h 527 e 8th	*Alexander Daniel (Etta), lab, h 527 e 8th
125.	*Alexander Decatur C (Alta), porter Colonial Club, h 515 e 1st	*Alexander Decatur C (Alta), porter Colonial Club, h 515 e 1st
126.	Alexander Edna Miss, nurse St Peters Hospital, rms h 515 e 1st	Alexander Edna Miss, nurse St Peters Hospital, rms h 515 e 1st

On error ☒ keep original ☐ set to blank ☐ store error ☐ Re-transform up to 10 times until no change

OK Cancel

129. *Alexander Eli (Jennie), gro Oil Town, h 900 s Tryon
130. *Alexander Elizabeth, laundress, h (r) 414 s College
131. ◆Alexander Ellen, h 606 s McDowell
132. Alexander Emma V (wid Wm S), h 610 n Graham ext
133. ◆Alexander Ephraim (Alice), driver Coles & Smith, h Stonewall bet A & B

value.replace("elk", "clk")

The screenshot shows the Refine interface with a dialog box titled "Custom text transform on column Column 1". The dialog has a text input field containing the expression `value.replace("elk", "clk")` and a language dropdown set to "General Refine Expression Language (GREL)". A "No syntax error." message is displayed next to the input field. Below the input field are tabs for "Preview", "History", "Starred", and "Help". The "Preview" tab is active, showing a table with two columns: "row" and "value". The table lists 9 rows of data, each with a row number and a value. The "value" column is transformed using the expression `value.replace("elk", "clk")`. At the bottom of the dialog, there are options for "On error" (keep original, set to blank, store error) and a checkbox for "Re-transform up to 10 times until no change".

Refine OPEN Charlotte 1 txt Permalink Open... Export Help

Facet / Filter Undo / Redo 2 9 matching rows (133 total) Extensions:

Custom text transform on column Column 1

Expression Language General Refine Expression Language (GREL) No syntax error.

value.replace("elk", "clk")

Preview History Starred Help

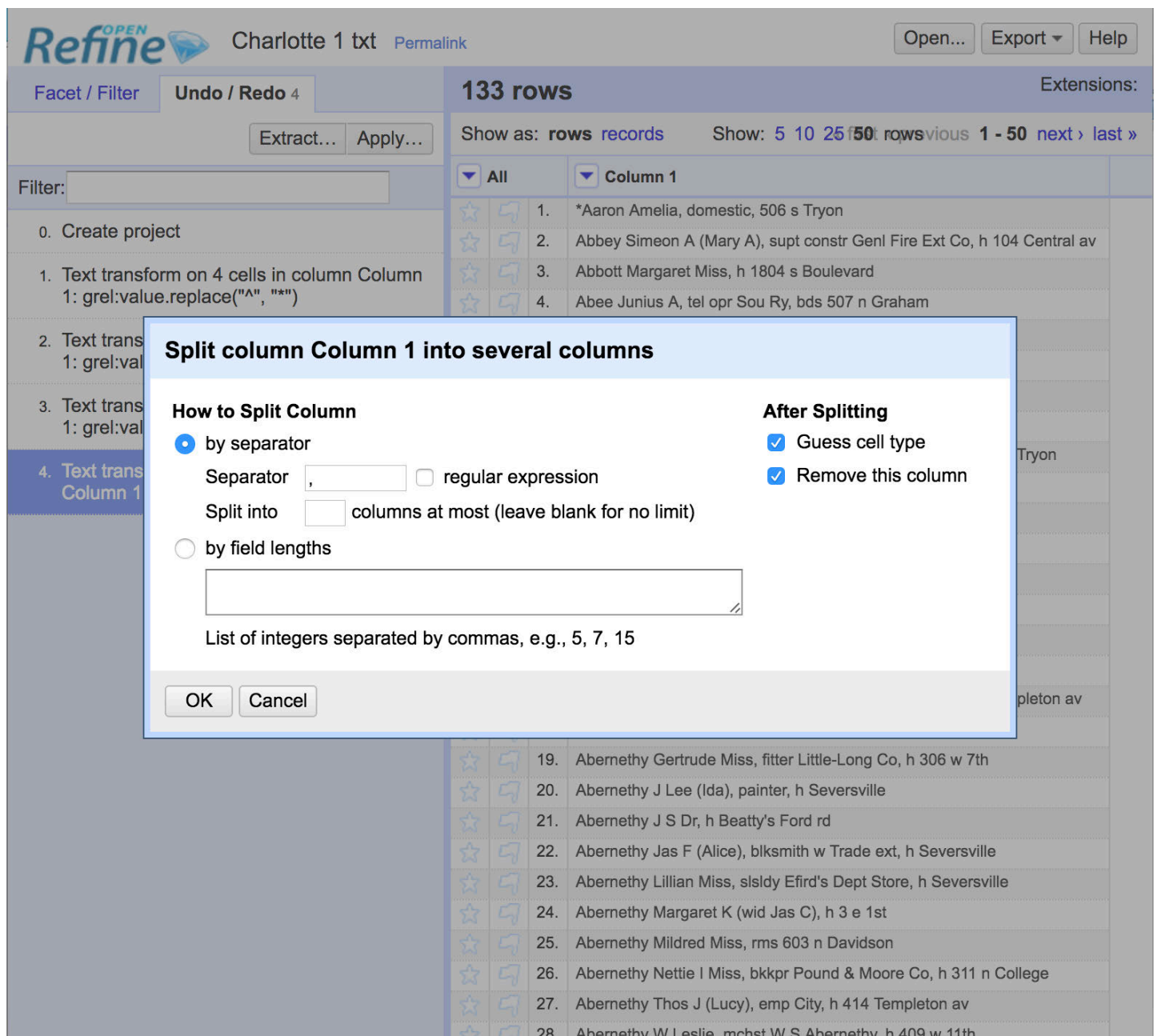
row	value	value.replace("elk", "clk")
51.	Adams Lafayette N, elk Sou Ry, h 327 n Tryon	Adams Lafayette N, clk Sou Ry, h 327 n Tryon
56.	Adams Lula Miss, elk Belk Bros, rms Y W C A	Adams Lula Miss, clk Bclk Bros, rms Y W C A
83.	Akers Jos J, chf elk Supt Sou Ry, h 908 s Tryon	Akers Jos J, chf clk Supt Sou Ry, h 908 s Tryon
85.	Albea Lottie Miss, elk Floyd L Liles Co, h 10 w 11th	Albea Lottie Miss, clk Floyd L Liles Co, h 10 w 11th
88.	Albright Fay L, elk, h 15 s Caldwell	Albright Fay L, clk, h 15 s Caldwell
89.	Albright Hal C, elk P O, h 15 s Caldwell	Albright Hal C, clk P O, h 15 s Caldwell

On error ☒ keep original ☐ Re-transform up to 10 times until no change
☐ set to blank
☐ store error

OK Cancel

Timing – 10:46

Split column Column1 into several columns (based on “,” separator)



Refine **OPEN** Charlotte 1 txt Permalink

Open... Export Help

Facet / Filter Undo / Redo 4

133 rows Extensions:

Show as: rows records Show: 5 10 25 50 rows previous 1 - 50 next last »

Filter:

0. Create project

1. Text transform on 4 cells in column Column 1: `grel:value.replace("A", "*")`

2. Text transform on 1: `grel:value`

3. Text transform on 1: `grel:value`

4. Text transform on Column 1

Split column Column 1 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

After Splitting

☒ Guess cell type

☒ Remove this column

OK Cancel

1.	*Aaron Amelia, domestic, 506 s Tryon
2.	Abbey Simeon A (Mary A), supt constr Genl Fire Ext Co, h 104 Central av
3.	Abbott Margaret Miss, h 1804 s Boulevard
4.	Abee Junius A, tel opr Sou Ry, bds 507 n Graham
19.	Abernethy Gertrude Miss, fitter Little-Long Co, h 306 w 7th
20.	Abernethy J Lee (Ida), painter, h Seversville
21.	Abernethy J S Dr, h Beatty's Ford rd
22.	Abernethy Jas F (Alice), blksmith w Trade ext, h Seversville
23.	Abernethy Lillian Miss, slsldy Efird's Dept Store, h Seversville
24.	Abernethy Margaret K (wid Jas C), h 3 e 1st
25.	Abernethy Mildred Miss, rms 603 n Davidson
26.	Abernethy Nettie I Miss, bkkpr Pound & Moore Co, h 311 n College
27.	Abernethy Thos J (Lucy), emp City, h 414 Templeton av
28.	Abernethy W Leslie, mchst W S Abernethy, h 409 w 11th

Rename Column1 1 to “Name”

Refine Charlotte 1 txt [Permalink](#) Open... Export ▾ Help

Facet / Filter **Undo / Redo 5** Extract... Apply...

133 rows Show as: rows records Show: 5 10 25 50 rows previous 1 - 50 next > last »

Filter:

0. Create project

1. Text transform on 4 cells in column Column 1: `grel:value.replace("^", "**")`

2. Text transform on 2 cells in column Column 1: `grel:value.replace("♦", "**")`

3. Text transform on 9 cells in column Column 1: `grel:value.replace("elk", "clk")`

4. Text transform on 132 cells in column Column 1: `value.trim()`

5. Split 133 cell(s) in column Column 1 into several columns by separator

Column 1 1

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

Column 1 2

- 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

Column 1 3

1. domestic 506 s Tryon

2. supt constr Genl Fire Ext Co h 104 Central av

3. h 1804 s Boulevard

4. Abernathy Cora Mrs

5. Abernathy David M (Enola)

6. h 422 w Hill

7. h 422 w Hill

8. h 414 Templeton av

9. sismn Burwell & Dunn Co h 409 w 11th

10. fitter Little-Long Co h 306 w 7th

11. painter h Seversville

12. h Beatty's Ford rd

13. blksmith w Trade ext h Seversville

14. sisidy Efird's Dept Store h Seversville

15. h 2 e 1st

127.0.0.1:3333 says:
Enter new column name

Cancel OK

Timing - 12:36

Rename Column1 2 to "Name"

Refine OPEN Charlotte 1 txt [Permalink](#) Open... Export ▾ Help

Facet / Filter **Undo / Redo** 6 **133 rows** Extensions:

Extract... Apply... Show as: **rows** records Show: 5 10 25 50 rows previous 1 - 50 next > last »

Filter:

0. Create project

1. Text transform on 4 cells in column Column 1: `grel:value.replace("^\", "")`

2. Text transform on 2 cells in column Column 1: `grel:value.replace("♦", "")`

3. Text transform on 9 cells in column Column 1: `grel:value.replace("elk", "clk")`

4. Text transform on 132 cells in column Column 1: `value.trim()`

5. Split 133 cell(s) in column Column 1 into several columns by separator

6. Rename column Column 1 1 to Name

All **Name** **Column 1 2** **Column 1 3**

1. *Aaron Amelia

2. Abbey Simeon A (Mary A)

3. Abbott Margaret Miss

506 s Tryon

h 104 Central av

bds 507 n Graham

h 506 w 10th

h 12 Boundary al

h 1117 s Tryon

h 1117 s Tryon

h 1310 e 4th ext

h 430 Mint

Sunnyside

422 w Hill

422 w Hill

414 ampleton av

409 w 11th

306 w 7th

Seversville

h Beatty's Ford rd

blksmith w Trade ext

h Seversville

slsldy Efird's Dept Store

h Seversville

h 2 e 1st

127.0.0.1:3333 says:

Enter new column name

☐ Prevent this page from creating additional dialogs.

Job

Cancel OK

Timing – 12:18

Rename Column1 3 to “Address”

Refine OPEN Charlotte 1 txt **Rename column Column 1 2 to Job** **Undo** Open... Export Help

Facet / Filter **Undo / Redo 7** **133 rows** **Extensions:**

Extract... Apply... **Show as: rows records** **Show: 5 10 25 50 rows** **previous 1 - 50 next > last >**

Filter:

0. Create project

1. Text transform on 4 cells in column Column 1: `grel:value.replace("^", "**")`

2. Text transform on 2 cells in column Column 1: `grel:value.replace("♦", "**")`

3. Text transform on 9 cells in column Column 1: `grel:value.replace("elk", "clk")`

4. Text transform on 132 cells in column Column 1: `value.trim()`

5. Split 133 cell(s) in column Column 1 into several columns by separator

6. Rename column Column 1 1 to Name

7. Rename column Column 1 2 to Job

All	Name	Job	Column 1 3
1.	*Aaron Amelia	domestic	s Tryon
2.	Abbey Simeon A (Mary A)	supt constr Ger	04 Central av
3.	Abbott Margaret Miss	h 1804 s Boulev	
	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		
13.	*Abernathv Hannah	h 4 Bellinger	
			h Sunnyside
			h 422 w Hill
			h 422 w Hill
			h 414 Templeton av
			h 409 w 11th
			h 306 w 7th
			h Seversville
21.	Abernethy J S Dr	h Beatty's Ford rd	
22.	Abernethy Jas F (Alice)	blksmith w Trade ext	h Seversville
23.	Abernethy Lillian Miss	slsldy Efird's Dept Store	h Seversville
24.	Abernethy Margaret	h 2 s 4th	

127.0.0.1:3333 says:
Enter new column name
☐ Prevent this page from creating additional dialogs.

Cancel OK