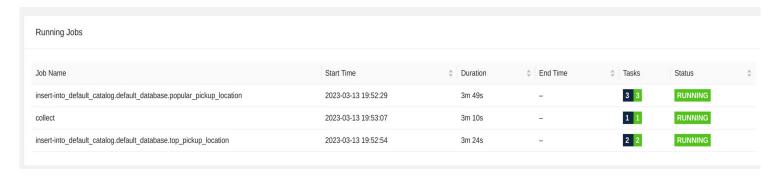
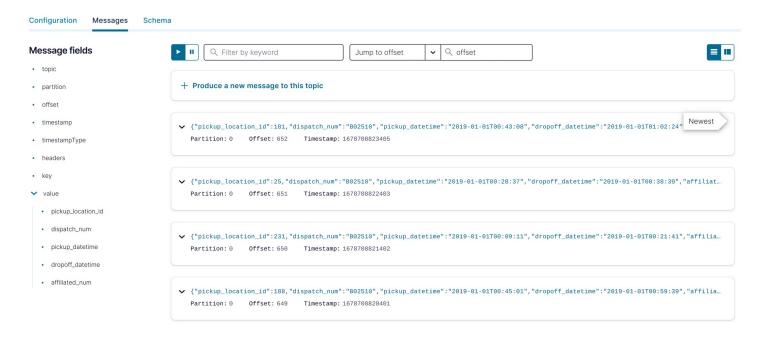
## Flink dashboard – running jobs



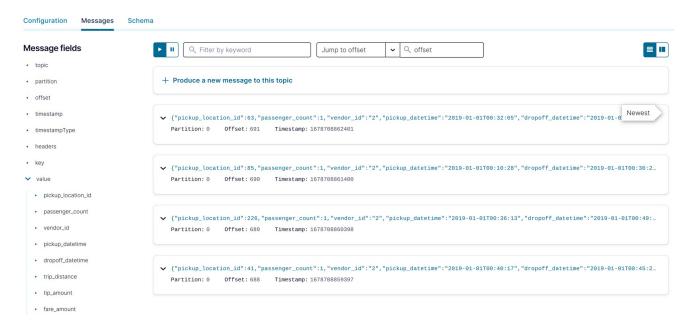
# FHV trips messages in confluent control center

# fhv-trips



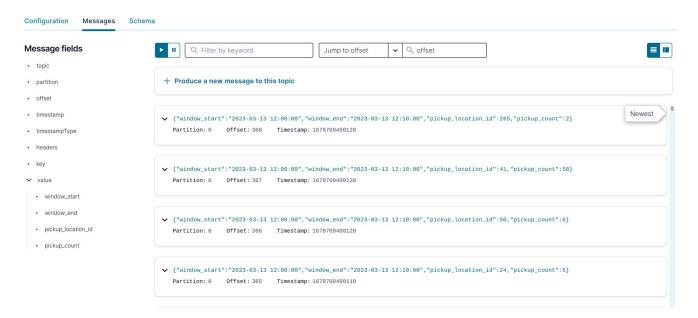
## Green trips messages in confluent control center

### green-trips



New sink topic – popular-pickup-location – messages

#### popular-pickup-location

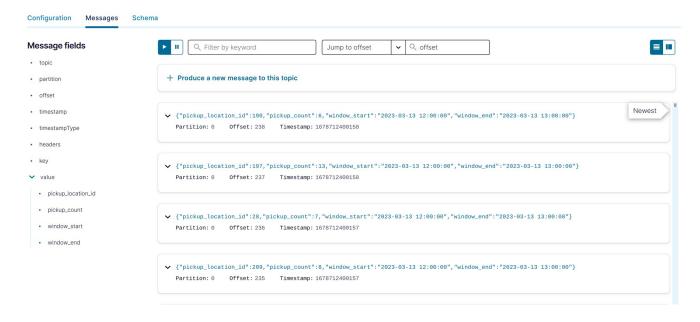


Sink topic messages example with small window (20 minutes)

```
SQL Query Result (Table)
Refresh: 1 s
                                                                            Page: Last of 31
pickup location id
                           pickup count
                                                    window start
                                                                               window end
                                      4 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
                67
                86
                                      4 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
                55
                                      8 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
                37
                                      24 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
               262
                                      4 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
                48
                                      14 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
               201
                                      2
                                        2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
               168
                                      14 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
                53
                                      4 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
                92
                                     16 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
               169
                                      6 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
                44
                                      2 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
               118
                                      4 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
                34
                                      4 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
               141
                                      10 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
               229
                                      6 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
               119
                                      2 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
                45
                                      6 2023-03-13 10:40:00.000 2023-03-13 11:00:00.000
```

New sink topic to aggregate popular-pickup-location windowed output - messages

#### top-pickup-location



same in the sql-client console...

Refresh: 1 s					Query Result ( Page: Last of	
					3	
pickup location id	pickup count	٧	window start		window end	
178		2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
248					13:00:00.000	
177	13	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
160	13	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
123	4	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
11	4	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
203	3	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
39	22	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
21	8	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
120	2	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
26	5	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
114	48	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
151	11	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
117	7	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
5	1	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
84					13:00:00.000	
109	2	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
157	14	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
4	12	2023-03-13 1	12:00:00.000	2023-03-13	13:00:00.000	
209					13:00:00.000	
28					13:00:00.000	
197					13:00:00.000	
190					13:00:00.000	

# Running for 12 hours + with 1 second delay after each message:

Running Jobs Duration  $insert\text{-}into\_default\_catalog.default\_database.top\_pickup\_location$ 2023-03-13 19:52:54 12h 22m 6s 2 2 RUNNING RUNNING collect 2023-03-13 19:53:07 12h 21m 53s 1 1  $insert-into\_default\_catalog.default\_database.popular\_pickup\_location$ 2023-03-13 19:52:29 12h 22m 32s 3 3

pickup location id	pickup_count		<pre>window_start</pre>		window_end
140			00:00:00.000		
141	650	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
237	714	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
162	377	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
145	1769	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
261	203	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
13	254	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
249	1050	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
236	618	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
264	156	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
97	3494	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
49			00:00:00.000		
189			00:00:00.000		
82	4272	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
255	3058	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
76			00:00:00.000		
25	2561	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
85			00:00:00.000		
223			00:00:00.000		
129	3150	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
71			00:00:00.000		
256			00:00:00.000		
80	1766	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000
146			00:00:00.000		
66			00:00:00.000		
7			00:00:00.000		
74			00:00:00.000		
181			00:00:00.000		
17			00:00:00.000		
41			00:00:00.000		
182			00:00:00.000		
106			00:00:00.000		
95			00:00:00.000		
75			00:00:00.000		
119			00:00:00.000		
173			00:00:00.000		
166			00:00:00.000		
260	2114	2023-03-17	00:00:00.000	2023-03-18	00:00:00.000

Queue is full after 100K+ messages. Above is the most popular pickup location #74