

Broker UOW Status Transition

This chapter contains the UOW status transition tables for EntireX Broker and covers the following topics:

- Initial UOW Status: NULL | Received
- Initial UOW Status: Accepted | Delivered
- Initial UOW Status: Processed | Timedout
- Initial UOW Status: Cancelled | Discarded | Backedout
- Legend for UOW Status Transition Table
- Table of Column Abbreviations

See also *Broker ACI Fields* | *Broker ACI Functions* | *Error Messages and Codes*.

Initial UOW Status: NULL | Received

No.	Initial UOW Status	Action	Resulting UOW Status				Description
			PU&PS	PU&NPS	NPU&PS	NPU&NPS	
2	Received	Send	Received	Received	Received	Received	
3	Received	Commit	Accepted	Accepted	Accepted	Accepted	
4	Received	ReStart	BackedOut	NULL	Discarded	NULL	
5	Received	BackOut	BackedOut	NULL	BackedOut	NULL	
6	Received	TimeOut	BackedOut	NULL	BackedOut	NULL	R6: This action can only be a conversation timeout since a UOW only exists once it is committed.
7	Received	Delete	Received	Received	Received	Received	
8	Received	Cancel	Received	Received	Received	Received	
9	Received	Receive	Received	Received	Received	Received	

Initial UOW Status: Accepted | Delivered

No.	Initial UOW Status	Action	Resulting UOW Status				Description
			PU&PS	PU&NPS	NPU&PS	NPU&NPS	
10	Accepted	Receive	Delivered	Delivered	Delivered	Delivered	
11	Accepted	Timeout	Timedout	NULL	Timedout	NULL	
12	Accepted	Restart	Accepted	Accepted	Discarded	NULL	
13	Accepted	Cancel	Cancelled	NULL	Cancelled	NULL	
14	Accepted	Delete	Accepted	Accepted	Accepted	Accepted	
15	Accepted	BackOut	Accepted	Accepted	Accepted	Accepted	
16	Accepted	Send	Accepted	Accepted	Accepted	Accepted	
17	Accepted	Commit	Accepted	Accepted	Accepted	Accepted	
18	Delivered	Receive	Delivered	Delivered	Delivered	Delivered	
19	Delivered	Commit	Processed	NULL	Processed	NULL	
20	Delivered	Cancel	Cancelled	NULL	Cancelled	NULL	R20: Cancel can only be issued by receiver of the UOW
21	Delivered	BackOut	Accepted	Accepted	Accepted	Accepted	
22	Delivered	TimeOut	Timedout	NULL	NULL	NULL	
23	Delivered	Restart	Accepted	Accepted	Discarded	NULL	
24	Delivered	Delete	Delivered	Delivered	Delivered	Delivered	
26	Delivered	Send	Delivered	Delivered	Delivered	Delivered	

Initial UOW Status: Processed | Timeout

No.	Initial UOW Status	Action	Resulting UOW Status				Description
			PU&PS	PU&NPS	NPU&PS	NPU&NPS	
27	Processed	Delete	NULL	N/A	NULL	N/A	Processed is a STABLE UOW status:
28	Processed	Timeout	NULL	NULL	NULL	N/A	All actions and transitions refer to the status of a UOW.
29	Processed	Restart	Processed	N/A	Processed	N/A	
30	Processed	Backout	Processed	N/A	Processed	N/A	
31	Processed	Cancel	Processed	N/A	Processed	N/A	
32	Processed	Commit	Processed	N/A	Processed	N/A	
33	Processed	Receive	Processed	N/A	Processed	N/A	
34	Processed	Send	Processed	N/A	Processed	N/A	
35	Timeout	Restart	Timeout	N/A	Timeout	N/A	Timeout is a STABLE UOW status:
36	Timeout	Delete	NULL	N/A	NULL	N/A	All actions and transitions refer to the status of a UOW.
37	Timeout	Timeout	NULL	N/A	NULL	N/A	
38	Timeout	Send	Timeout	N/A	Timeout	N/A	
39	Timeout	Receive	Timeout	N/A	Timeout	N/A	
40	Timeout	Commit	Timeout	N/A	Timeout	N/A	
41	Timeout	Backout	Timeout	N/A	Timeout	N/A	
42	Timeout	Cancel	Timeout	N/A	Timeout	N/A	

Initial UOW Status: Cancelled | Discarded | Backedout

No.	Initial UOW Status	Action	Resulting UOW Status				Description
			PU&PS	PU&NPS	NPU&PS	NPU&NPS	
43	Cancelled	Delete	NULL	N/A	NULL	N/A	Cancelled is a STABLE UOW status:
44	Cancelled	Restart	Cancelled	N/A	Cancelled	N/A	All actions and transitions refer to the status of a UOW.
45	Cancelled	TimeOut	NULL	N/A	NULL	N/A	
46	Cancelled	Send	Cancelled	N/A	Cancelled	N/A	
47	Cancelled	Receive	Cancelled	N/A	Cancelled	N/A	
48	Cancelled	Commit	Cancelled	N/A	Cancelled	N/A	
49	Cancelled	Backout	Cancelled	N/A	Cancelled	N/A	
50	Cancelled	Cancel	Cancelled	N/A	Cancelled	N/A	
51	Discarded	Delete	N/A	N/A	NULL	N/A	Discarded is a STABLE UOW status:
52	Discarded	TimeOut	N/A	N/A	NULL	N/A	All actions and transitions refer to the status of a UOW.
53	Discarded	Restart	N/A	N/A	Discarded	N/A	
54	Discarded	Cancel	N/A	N/A	Discarded	N/A	
55	Discarded	Send	N/A	N/A	Discarded	N/A	
56	Discarded	Receive	N/A	N/A	Discarded	N/A	
57	Discarded	Commit	N/A	N/A	Discarded	N/A	
58	Discarded	Backout	N/A	N/A	Discarded	N/A	
59	BackedOut	TimeOut	NULL	N/A	NULL	N/A	BackedOut is a STABLE UOW status:
60	BackedOut	Cancel	BackedOut	N/A	BackedOut	N/A	All actions and transitions refer to the status of a UOW
61	BackedOut	Restart	BackedOut	N/A	BackedOut	N/A	
62	BackedOut	Send	BackedOut	N/A	BackedOut	N/A	
63	BackedOut	Receive	BackedOut	N/A	BackedOut	N/A	
64	BackedOut	Commit	BackedOut	N/A	BackedOut	N/A	
65	BackedOut	Delete	NULL	N/A	NULL	N/A	
66	BackedOut	Backout	BackedOut	N/A	BackedOut	N/A	

Legend for UOW Status Transition Table

Abbreviation	Resulting UOW Status
N/A	Not applicable
UOW Status	Error condition, message issued, no change

Table of Column Abbreviations

Abbreviation	UOW Status
PU	Persistent unit of work
PS	Persistent status
NPU	Non-persistent unit of work
NPS	Non-persistent status