

Appendix C - Events

Events

The following table describes events in Rosetta. The following types of events are possible:

- Provenance Event – an action that involves at least one object in the repository. Its details are stored in the object's DNX.
- Audit Event – an event that is stored as a discrete entry in an audit event table and can be accessed through reports.
- Statistic Event – an event that is added to a calculated aggregate of events over a period of time, used for determining event measures (such as average or number).

Note

If a validation event outcome is identical to a previous event outcome, the outcome is not listed in the dnx. Note that in a case of a validation software upgrade, a plugin version update, and changing tools, the validation event is listed, even if the outcome is the same as the previous event.

Events

ID	Description	Provenance	Audit	Statistic
1	User authenticated/successful login	N	N	N
2	Create Deposit Activity	N	N	N
3	Save Deposit Activity	N	N	N
4	Delete Deposit Activity	N	N	N
5	Submit Deposit Activity	N	Y	Y
6	Request SIP ID for Deposit Activity	N	N	N
7	Generate SIP ID	N	Y	Y
8	Upload of file(s)	N	N	N
9	Started Acquiring Content	N	N	N
10	Finished Acquiring Content	N	N	N
11	Started converting SIP contents to METS	N	N	N
12	Finished converting SIP contents to METS	N	N	N
13	Started sanity check of SIP contents	N	N	N
14	Finished sanity check of SIP contents	N	N	N
16	Started wrapping SIP for submission to Staging Server	N	N	N

ID	Description	Provenance	Audit	Statistic
17	Finished wrapping SIP for submission to Staging Server	N	N	N
18	SIP submitted to Staging Server	N	Y	Y
19	Started converting SIP to AIPs	N	N	N
20	Finished converting SIP to AIPs	N	N	N
21	Created Repository Object	Y	N	N
23	Started Validation Stack Stage	N	N	N
24	Virus check performed on file	Y	N	N
25	Format Identification performed on file	Y	N	N
27	Fixity check performed on file	Y	Y	Y
28	Processing configuration has been determined for the SIP	N	N	N
29	SIP started Technical Analyst stage	N	N	N
30	Technical Analyst - Re-perform Validation Stack	Y	N	N
31	Technical Analyst - Reject File	Y	Y	Y
32	Technical Analyst - Decline File	Y	Y	Y
33	Technical Analyst - Decline SIP	N	Y	Y
34	Technical Analyst - Reject SIP	N	Y	Y
35	Technical Analyst - Move SIP to Next Step	Y	Y	Y
36	Technical Analyst - Quarantine SIP	N	N	N
37	Technical Analyst - Forward SIP	N	N	N
38	Manually Set Format Library ID on File	Y	Y	Y
39	Download File	N	Y	Y
40	Upload and Replace File	Y	Y	Y
41	SIP completed Technical Analyst stage	N	N	N
42	SIP started Assessor stage	N	N	N
43	Assessor - Reject IE	Y	Y	Y
44	Assessor - Decline IE	Y	Y	Y
45	Assessor - Decline SIP	N	Y	Y
46	Assessor - Reject SIP	N	Y	Y
47	SIP completed Assessor stage	N	N	N
48	Assessor - Approve SIP	Y	Y	N

ID	Description	Provenance	Audit	Statistic
49	SIP started Approver stage	N	N	N
50	Approver - Decline SIP	N	Y	Y
52	Approver - Reject SIP	N	Y	Y
54	Approver - Move to next step SIP	Y	Y	N
55	SIP completed Approver stage	N	N	N
56	SIP started Arranger stage	N	N	N
57	SIP completed Arranger stage	N	N	N
58	Arranger - Reject SIP	N	Y	Y
59	Arranger - Approve SIP	Y	N	N
62	Assign CMS ID to IE	Y	N	N
63	SIP started enrichment stage	N	Y	Y
64	SIP encountered error in enrichment stage	N	Y	Y
65	System generated a new representation	N	N	N
66	System generated external unique identifier	Y	Y	Y
67	System generated thumbnails	N	N	N
68	System started moving SIP content to permanent repository	N	Y	Y
71	Perform file validation checks on permanent repository	N	N	N
72	System finished moving SIP content to permanent repository	Y	Y	Y
73	Generic metadata form record created	N	N	N
74	Generic metadata form record updated	N	N	N
75	Generic metadata form record deleted	N	N	N
76	Personalized metadata form record created	N	N	N
77	Personalized metadata form record updated	N	N	N
78	Personalized metadata form record deleted	N	N	N
79	Code/Mapping/File/GenParam entry was created	N	N	N
80	Code/Mapping/File/GenParam entry was updated	N	N	N
81	Code/Mapping/File/GenParam entry was deleted	N	N	N
82	Generic submission format record created	N	N	N
83	Generic submission format record updated	N	N	N
84	Generic submission format record deleted	N	N	N

ID	Description	Provenance	Audit	Statistic
85	Content structure template record created	N	N	N
86	Content structure template record updated	N	N	N
87	Content structure template record deleted	N	N	N
88	Personalized submission format record created	N	N	N
89	Personalized submission format record updated	N	N	N
90	Personalized submission format record deleted	N	N	N
91	Generic Material flow record created	N	N	N
92	Generic Material flow record updated	N	N	N
93	Generic Material flow record activated/ deactivated	N	N	N
94	Generic Material flow record deleted	N	N	N
95	Generic Material Flow associated with Generic Producer	N	N	N
96	Generic Material Flow removed from Generic Producer	N	N	N
97	Personalized Material flow record created	N	N	N
98	Personalized Material flow record updated	N	N	N
99	Personalized Material flow record activated/ deactivated	N	N	N
100	Personalized Material flow record deleted	N	N	N
101	Generic Material Flow associated with Personalized Producer Profile	N	N	N
102	Generic Material Flow removed from Personalized Producer Profile	N	N	N
103	User record created	N	Y	Y
104	Contact user record created	N	Y	Y
105	Role Profile created	N	N	N
106	Role Profile deleted	N	N	N
107	Role Profile updated	N	N	N
108	Role Profile status changed from/to	N	N	N
109	Role Profile parameters updated from/to	N	N	N
110	User record updated	N	N	N
111	Primary Contact applied	N	N	N
113	User record deleted	N	Y	Y
115	Organization user record deleted	N	N	N
117	User record deletion blocked	N	N	N

ID	Description	Provenance	Audit	Statistic
119	Cannot Restore Child IE Relationships	Y	Y	N
120	Add representation	Y	N	N
121	Add Child IEs	Y	Y	Y
122	Remove Child IEs	Y	Y	Y
123	Reorder Child IEs	Y	Y	Y
124	Derive representation	Y	N	N
125	Add Metadata	Y	N	N
126	Edit (jump to editor, into control/streamref/md/des tabs)	N	N	N
127	Export object	N	N	N
128	Download file	N	N	N
130	Object's Metadata Record Modified	Y	N	N
138	Add representation	N	Y	Y
139	Download stream	N	N	N
144	Converted METS to IE	N	N	N
145	Started Loading IE	N	N	N
146	Finished Loading IE	N	N	N
147	Arranger - Decline IE	Y	Y	Y
148	Arranger - Reject IE	Y	Y	Y
149	Assessor - Assign CMS ID to IE	Y	N	N
150	Set created	N	N	N
151	Set deleted	N	N	N
154	Search is being processed	N	N	N
155	Set updated	N	N	N
156	Producer Agent has been applied	N	Y	Y
157	Producer Agent has been approved by Negotiator	N	N	N
158	Producer Agent's Status has been changed by Negotiator	N	N	N
159	Producer Agent's has been removed	N	N	N
160	Object is being viewed	N	Y	Y
161	Representation deleted	Y	N	N
162	Object's Metadata Record Deleted	Y	N	N

ID	Description	Provenance	Audit	Statistic
163	Object is being processed for viewing	N	Y	Y
164	Object viewing is denied due to Access Rights restrictions	N	Y	Y
165	Technical Metadata extraction performed on file	Y	N	N
166	Completed Validation Stack Stage	N	Y	Y
167	Metadata enrichment (CMS fetching)	N	N	N
168	Object indexing	N	N	N
169	User is not authorized to log in to system	N	N	N
170	Upload file	Y	N	N
171	Assign SIP	N	N	N
172	Process Automation task result	N	N	N
173	Process Automation evaluation result	N	N	N
174	Process Ended BULK creation	N	Y	N
175	Worker Started Processing Bulk	N	Y	N
176	Worker Ended Processing Bulk	N	Y	N
177	Watchdog restarted worker	N	Y	N
178	Process Automation Monitor changed Bulk status	N	Y	N
179	Format Validation performed on file	Y	N	N
180	Virus Check	Y	Y	N
181	Format ID and Extraction	Y	Y	N
182	Thumbnail	N	Y	N
183	Persistent ID generation	Y	Y	N
184	Persistent ID publishing	N	Y	N
185	Export	N	Y	N
186	Publishing	N	Y	N
187	Delete IE/Rep	N	Y	Y
188	Derivative Copy Creation	N	N	N
189	Metadata Enrichment	Y	Y	N
190	Metadata Validation	N	N	N
191	Assign AR Policy	Y	Y	N
192	Create Search Indexes	N	Y	N

ID	Description	Provenance	Audit	Statistic
194	Create new process	N	Y	N
195	Delete process	N	Y	N
196	Update Process	N	Y	N
197	Rerun Process	N	Y	N
198	Automatically Set Format Library ID on File	Y	N	N
199	Automatically Ignore Error	Y	N	N
200	Process Started Execution	N	Y	N
201	Manually Ignore Error	Y	Y	N
202	Process Started BULK creation	N	Y	N
203	Manually ignore validation error (Add Representation)	Y	Y	Y
204	Automatically ignore validation error	Y	Y	Y
205	Manually ignore validation error	Y	Y	Y
206	Add note to SIP	N	N	N
207	Process Automation framework result	N	N	N
208	Arranger - Decline SIP	N	Y	Y
209	Assessor - Forward SIP	N	N	N
210	Process Ended Execution	N	Y	N
211	Object has been locked	Y	N	N
212	Object has been rolled back	Y	Y	Y
213	Object has been committed	Y	Y	Y
214	Commit/Rollback error	N	Y	Y
215	SIP moved between stages	N	N	N
216	Started MD Validation Stage	N	N	N
217	Failed MD Validation Stage	N	Y	N
218	Completed MD Validation Stage	N	Y	N
271	Email sent to user	N	Y	N
272	IE has been deleted	N	N	N
273	IE has been recovered	N	N	N
274	IE has been purged	Y	N	N
275	IE has been restored	N	N	N

ID	Description	Provenance	Audit	Statistic
276	IE has been split	N	Y	Y
277	IE has been merged	N	Y	Y
300	Processing Add Representation	N	Y	Y
302	Add Representation failed	N	Y	Y
303	Add Representation Unknown Property	N	Y	Y
313	ByteStream container extraction	N	Y	Y
317	BitStream technical metadata extraction	N	Y	Y
318	BitStream format validation	Y	Y	Y
319	BitStream virus check	N	Y	Y
320	BitStream format validator not defined (Error)	Y	Y	Y
333	The System finished moving the IE to the permanent Repository	Y	Y	Y
338	Assign plan evaluator	N	Y	N
339	Preservation plan has been created	N	Y	N
340	Preservation plan has been edited	N	Y	N
341	Preservation plan has been deleted	N	Y	N
342	Plan alternative has been created	N	Y	N
343	Plan alternative has been edited	N	Y	N
344	Plan alternative has been deleted	N	Y	N
345	Plan has been signed off on	N	Y	N
346	Plan status has been changed	N	Y	N
347	Alternative test has been launched	N	Y	N
348	Plan execution has been scheduled	N	Y	N
349	Preservation Plan Execution result	N	Y	N
350	Process Ended block creation	N	Y	N
355	Representation was added by preservation plan execution	Y	Y	N
356	Started Converting Rep	N	Y	N
357	Finished Converting Rep	N	Y	N
358	Started Loading Rep	N	Y	N
359	Finished Loading Rep	N	Y	N
360	Started Enrichment Stack Stage for block	N	Y	N

ID	Description	Provenance	Audit	Statistic
361	Completed Enrichment Stack Stage for block	N	Y	N
367	Technical Analyst - Skipped Files	N	Y	N
368	Technical Analyst - Abort Block	N	Y	N
369	Technical Analyst -Rerun Conversion	N	Y	N
370	Technical Analyst -Rerun Loading	N	Y	N
372	Manually Set Format Library ID on File	N	Y	N
373	Manually Set Format Library ID on File	Y	Y	N
374	Evaluator - Manual evaluation of Rep	N	Y	N
375	Evaluator - Complete evaluation	N	Y	N
376	Add note to block	N	Y	N
378	Manually Ignore Error	N	Y	N
379	Rip Moved Between Stages	N	N	N
380	Representation has been added	Y	Y	Y
381	Risk identification performed on file	Y	N	N
382	Permanent failed processing work	N	Y	Y
383	Permanent checksum failed	N	Y	Y
384	Resubmit Deposit	N	Y	Y
385	Upload and Replace File by Producer Agent	Y	Y	Y
386	Request_NLB_PID	Y	Y	Y
387	Recieve_NLB_PID	Y	Y	Y
388	File Original Path has been changed	Y	N	N
389	BitStream risk extraction	N	Y	Y
390	BitStream file identification	N	Y	Y
391	BitStream file identification zero results	N	Y	Y
392	BitStream file identification multiple results	N	Y	Y
393	BitStream technical metadata extractor not defined	N	Y	Y
396	Manually Ignore Error	Y	Y	N
397	METS Validation Failed	N	Y	Y
398	Collection has been created	N	Y	Y
399	Collection has been updated	N	Y	Y

ID	Description	Provenance	Audit	Statistic
400	Collection has been deleted	N	Y	Y
401	IE has been added to collection	Y	Y	Y
402	IE has been removed from collection	N	Y	Y
403	Manually ignore file extension mismatch	Y	Y	Y
404	Automatically ignore file extension mismatch	Y	Y	Y
405	Manually ignore file md error	Y	Y	Y
406	Automatically ignore file md error	Y	Y	Y
407	Manually ignore file extension mismatch	Y	Y	Y
408	Manually ignore file md error	Y	Y	Y
409	Assign Retention Policy	Y	Y	Y
410	Unassign Retention Policy	Y	Y	Y
411	Collection has been created by API	N	Y	Y
412	Collection has been updated by API	N	Y	Y
413	Collection has been deleted by API	N	Y	Y
414	Representation metadata has been updated	Y	Y	Y
415	An AR policy has been removed from an object	Y	Y	N
416	The IE had been moved to another Institution/Department	Y	Y	Y
417	The Representation has been updated	Y	Y	Y
418	Collection has been published	N	Y	Y
419	Collection has been unpublished	N	Y	Y
420	Unassign CMS	Y	Y	Y
424	DNX xsd validation succeeded	N	Y	N
425	DNX xsd validation failed	N	Y	N