

graph_mend_io

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1 CREATE TABLE test.t_tmp_node_vul_MEND_IO AS
2 WITH wt_cwe_tmp AS
3 (
4     SELECT tmp.id, jsonb_agg(tmp.weaknesses) AS weaknesses
5     FROM
6     (
7         SELECT mi.id, jsonb_build_object('type','', 'cweId', cwe_ids ->> 0, 'description','') AS weaknesses
8         FROM test.t_tmp_craw_mend_io mi ,
9         jsonb_array_elements(mi.vul_msg -> 'cwe_id') cwe_ids
10    )tmp
11    GROUP BY tmp.id
12 ),
13 wt_cvss_tmp AS
14 (
15     SELECT tmp.id, jsonb_agg(tmp.cvss_) AS severity
16     FROM
17     (
18         SELECT mi.id,
19         (cvss -> 'cvss_data') ||
20         ('{"version":""," || REPLACE(split_part(cvss ->> 'cvss_type',' ',2),'V','') || '"}' )::jsonb AS cvss_
21 -- REPLACE(lower(split_part(cvss ->> 'cvss_type',' ',2)),'v','')
22     FROM test.t_tmp_craw_mend_io mi ,
23     jsonb_array_elements(mi.vul_msg -> 'cvss') cvss
24    )tmp
25    GROUP BY tmp.id
26 )
27 SELECT tt.id,
28     '[]' AS aliases,
29     '{}'::jsonb AS SOURCE,
30     jsonb_build_object('title','', 'details',tt.vul_msg ->> 'desc') AS description,
31     ct.weaknesses,
32     ct2.severity,
33     jsonb_build_object('published',tt.vul_msg ->> 'date', 'lastModified', '', 'datePublic', '') AS time_inf
34     ('{"impact_info":{"impacts":null, "impactScore":null},
35     "patch_info":{"patch_available":null, "patch_url":null },
36     "exploit_info":{"exploitable":null, "exploits":null, "exploit_url":null, "exploitabilityScore":null
37     "report_status":null}')::jsonb ||
38     jsonb_build_object('solution_info', COALESCE(tt.vul_msg ->> 'fix', '[]')) ||
39     jsonb_build_object('PoC_info', jsonb_build_object('PoC_available', NULL, 'PoC_url', NULL, 'PoC', tt.vul_
40 FROM test.t_tmp_craw_mend_io tt
41 LEFT JOIN wt_cwe_tmp ct
42     ON tt.id = ct.id
43 LEFT JOIN wt_cvss_tmp ct2
44     ON ct2.id = tt.id ;
45
46
47 Whitesource
48
49 DELETE FROM test.dws_graph_node_vul WHERE vul_source = 'MEND_IO';
50 ALTER SEQUENCE cve_graph_seq RESTART START WITH 1;
51 INSERT INTO test.dws_graph_node_vul
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52 SELECT nextval('cve_graph_seq') AS seq, tmp.*
53 FROM
54 (
55 SELECT DISTINCT id , aliases , "source", description ,weaknesses, severity, time_info, vul_status, 'MEND_IO
56 )tmp ;
57
58
59
60
61 bash gen_graph_data.sh "MEND_IO" "node" "vul"
62 bash neo4j_vul_node_load.sh "MEND_IO" "1"
63
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66
67 DROP TABLE IF EXISTS test.t_tmp_graph_node_cwe_MEND_IO;
68 CREATE TABLE test.t_tmp_graph_node_cwe_MEND_IO AS
69 SELECT DISTINCT mi.id, cwe_ids -> 0 AS cwe_id
70     FROM test.t_tmp_craw_mend_io mi ,
71     jsonb_array_elements(mi.vul_msg -> 'cwe_id') cwe_ids;
72
73
74 DELETE FROM test.dws_graph_node_cwe WHERE vul_source = 'MEND_IO';
75 ALTER SEQUENCE cve_graph_seq RESTART START WITH 1;
76 INSERT INTO test.dws_graph_node_cwe
77     SELECT nextval('cve_graph_seq') AS seq, tmp.*
78     FROM (
79     SELECT DISTINCT cwe_id, 'MEND_IO' FROM test.t_tmp_graph_node_cwe_MEND_IO
80     )tmp;
81 bash gen_graph_data.sh "MEND_IO" "node" "cwe"
82 bash neo4j_cwe_node_load.sh "MEND_IO" "0"
83
84
85
86
87 DELETE FROM test.dws_graph_relationships_cwe WHERE vul_source = 'MEND_IO';
88 ALTER SEQUENCE cve_graph_seq RESTART START WITH 1;
89 INSERT INTO test.dws_graph_relationships_cwe
90     SELECT nextval('cve_graph_seq') AS seq, tmp.*
91     FROM (
92     SELECT DISTINCT id, cwe_id , '' AS cwe_type, '' AS cwe_desc , 'MEND_IO' AS vul_source FROM test.t_tmp
93     )tmp;
94 bash gen_graph_data.sh "MEND_IO" "relationships" "cwe"
95 bash neo4j_relationships_cwe_load.sh "MEND_IO" "1"
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103
104 DROP TABLE IF EXISTS test.t_tmp_graph_node_refs_MEND_IO;
105 CREATE TABLE test.t_tmp_graph_node_refs_MEND_IO AS
106 SELECT DISTINCT mi.id, refs -> 0 AS ref_url
107     FROM test.t_tmp_craw_mend_io mi ,
108     jsonb_array_elements(mi.vul_msg -> 'related_resources') refs;
109

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110
111 DELETE FROM test.dws_graph_node_refs WHERE vul_source = 'MEND_IO';
112 ALTER SEQUENCE cve_graph_seq RESTART START WITH 1;
113 INSERT INTO test.dws_graph_node_refs
114     SELECT nextval('cve_graph_seq') AS seq, tmp.*
115     FROM (
116         SELECT DISTINCT ref_url, 'MEND_IO' AS source FROM test.t_tmp_graph_node_refs_MEND_IO
117     )tmp;
118 bash gen_graph_data.sh "MEND_IO" "node" "refs"
119 bash neo4j_refs_node_load.sh "MEND_IO" "5"
120
121
122
123
124 DELETE FROM test.dws_graph_relationships_refs WHERE vul_source = 'MEND_IO';
125 ALTER SEQUENCE cve_graph_seq RESTART START WITH 1;
126 INSERT INTO test.dws_graph_relationships_refs
127     SELECT nextval('cve_graph_seq') AS seq, tmp.*
128     FROM (
129         SELECT DISTINCT id, ref_url , '' AS tags, '' AS ref_desc , 'MEND_IO' AS vul_source FROM test.t_tmp_gr
130     )tmp;
131 bash gen_graph_data.sh "MEND_IO" "relationships" "refs"
132 bash neo4j_relationships_refs_load.sh "MEND_IO" "7"
133
134
135
136
137
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