graph_curl

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CREATE TABLE test.t_tmp_craw_curl(id varchar, vul_msg jsonb)

--vul
DROP TABLE IF EXISTS test.t_tmp_node_vul_CURL;
CREATE TABLE test.t_tmp_node_vul_CURL AS
WITH wt_identified AS
(
   SELECT tmp.id, '[' || string_agg(tmp.credits_name, ',') || ']' AS identify
   FROM
    (
        SELECT credits ->> 'type' AS credits_type,
               credits ->> 'name' AS credits_name,
               t.id
        FROM test.t_tmp_craw_curl t ,
        jsonb_array_elements(t.vul_msg -> 'credits') credits
    )tmp
    WHERE tmp.credits_type = 'FINDER'
    GROUP BY tmp.id
)
SELECT t.id,
       t.vul_msg ->> 'aliases' AS aliases,
       jsonb_build_object('discovery', NULL, 'identifier', wi.identify) AS SOURCE,
       jsonb_build_object('title', t.vul_msg ->> 'summary', 'details',  t.vul_msg ->> 'details') AS description
       jsonb_build_object('type', NULL, 'cweId', coalesce(COALESCE(t.vul_msg -> 'database_specific' ->> 'cwe_id
       '{}'::jsonb AS severity,
       jsonb_build_object('published', t.vul_msg ->> 'published', 'modified', t.vul_msg ->> 'modified', 'datePu
       '{}'::jsonb AS vul_status
FROM test.t_tmp_craw_curl t
LEFT JOIN wt_identified wi
       ON t.id = wi.id

DELETE FROM test.dws_graph_node_vul WHERE vul_source = 'CURL';
ALTER SEQUENCE cve_graph_seq RESTART START WITH 1;
INSERT INTO test.dws_graph_node_vul
SELECT nextval('cve_graph_seq') AS seq, tmp.*
FROM
(
SELECT  DISTINCT  id ,  aliases , "source", description ,weakness , severity, time_info,  vul_status, 'CURL' AS
)tmp ;

SELECT *FROM test.t_tmp_node_vul_CURL LIMIT 10;

--affected_component
--       vendor = 'curl' 、 module = '*' 、 ecosystem = '*'
DROP TABLE IF EXISTS test.t_tmp_graph_node_component_CURL;
CREATE TABLE test.t_tmp_graph_node_component_CURL AS
WITH wt_curl_affected AS
(
    SELECT t.id,
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           COALESCE (t.vul_msg -> 'database_specific' ->> 'package', '*') AS product,
           CASE WHEN ranges ->> 'type' = 'GIT' THEN 'GIT' ELSE '*' END AS ecosystem,
           ranges ->> 'events' AS affected_events,
           affecteds ->> 'versions' AS affecteds_versions
    FROM test.t_tmp_craw_curl t ,
    jsonb_array_elements(t.vul_msg -> 'affected') affecteds
    LEFT JOIN jsonb_array_elements(affecteds -> 'ranges') ranges ON 1=1
)
SELECT     ca.id,    'curl' AS vendor, 'curl' AS MODULE, 'curl' AS product, ca.ecosystem,
       jsonb_build_object('affected_range', array_agg( ca.affected_events), 'versions', array_agg(DISTINCT ca.a
FROM wt_curl_affected ca
GROUP BY ca.id, ca.ecosystem;

DELETE FROM test.dws_graph_node_affected_component WHERE vul_source = 'CURL';
ALTER SEQUENCE cve_graph_seq RESTART START WITH 1;
INSERT INTO test.dws_graph_node_affected_component
  SELECT nextval('cve_graph_seq') AS seq, tmp.*
  FROM (
    SELECT   DISTINCT product, vendor, MODULE, ecosystem, 'CURL' AS vul_source   FROM   test.t_tmp_graph_node_c
  )tmp;

SELECT *FROM test.t_tmp_graph_node_component_CURL LIMIT 10

--affected component
  --seq int , vul_id , component_name , vendor , package_name , ecosystem , repo_url ,
  --platform , collectionUrl , defaultStatus , affected_versions ,  unaffected_versions , vul_source
DELETE FROM test.dws_graph_relationships_affected_components WHERE vul_source = 'CURL';
ALTER SEQUENCE cve_graph_seq RESTART START WITH 1;
INSERT INTO test.dws_graph_relationships_affected_components
  SELECT nextval('cve_graph_seq') AS seq, tmp.*
  FROM (
    SELECT   DISTINCT id, product, vendor, MODULE, ecosystem, '' repo_url, '' AS platform,
             '' AS collectionurl, '' AS defaultstatus, affected_versions, '{}'::jsonb unaffected_versions, 'CUR
  )tmp;


--cwe
 CREATE TABLE test.t_tmp_graph_node_cwe_CURL AS
SELECT t.id, coalesce(COALESCE(t.vul_msg -> 'database_specific' ->> 'cwe_ids', t.vul_msg -> 'database_specific'
      t.vul_msg -> 'database_specific' -> 'CWE' ->> 'desc' AS cwe_desc
FROM test.t_tmp_craw_curl t


DELETE FROM test.dws_graph_node_cwe WHERE vul_source = 'CURL';
ALTER SEQUENCE cve_graph_seq RESTART START WITH 1;
INSERT INTO test.dws_graph_node_cwe
  SELECT nextval('cve_graph_seq') AS seq, tmp.*
  FROM (
    SELECT   DISTINCT cwe_id, 'CURL'   FROM   test.t_tmp_graph_node_cwe_CURL
  )tmp;


 DELETE FROM test.dws_graph_relationships_cwe WHERE vul_source = 'CURL';
ALTER SEQUENCE cve_graph_seq RESTART START WITH 1;
INSERT INTO test.dws_graph_relationships_cwe
  SELECT nextval('cve_graph_seq') AS seq, tmp.*
  FROM (
    SELECT   DISTINCT  id, cwe_id , '' AS cwe_type,  cwe_desc , 'CURL' AS vul_source  FROM   test.t_tmp_graph_n
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