graph_debian

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CREATE TABLE test.t_tmp_craw_debian(lib_name varchar, cve_id varchar, vul_msg jsonb)




DROP TABLE IF EXISTS test.t_tmp_node_vul_DEBIAN;
CREATE TABLE test.t_tmp_node_vul_DEBIAN AS
SELECT DISTINCT cd.cve_id AS id,
       '[]' AS aliases,
       '{"discovery":null, "identifier":null}'::jsonb AS SOURCE,
       jsonb_build_object('title', NULL, 'details', cd.vul_msg ->> 'description') AS description,
       '{"type":null, "cweId":null, "description":null}'::jsonb AS weaknesses,
       '{}'::jsonb AS severity,
       '{}'::jsonb AS time_info,
       '{}'::jsonb AS status
FROM test.t_tmp_craw_debian cd;

DELETE FROM test.dws_graph_node_vul WHERE vul_source = 'DEBIAN';
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 ,weaknesses, severity, time_info,  status, 'DEBIAN' AS v
)tmp ;


-- affected component
CREATE TABLE test.t_tmp_graph_node_component_DEBIAN AS
WITH wt_release_msg AS
(
    SELECT
           t.lib_name,
           t.cve_id,
           jsonb_object_keys(t.vul_msg -> 'releases') AS releases,
           t.vul_msg -> 'releases' AS releases_json
    FROM test.t_tmp_craw_debian t
--  WHERE t.cve_id = 'CVE-2012-0833'
)
SELECT '*' AS vendor,  '*' AS MODULE,  'Debian' AS ecosystem,
       tmp2.lib_name, tmp2.cve_id, jsonb_agg(DISTINCT tmp2.fixed_version) AS fixed_versions,
       jsonb_agg(DISTINCT tmp2.affected_version) AS affected_versions
FROM
(
    SELECT tmp.lib_name, tmp.cve_id,
           CASE WHEN tmp.release_status = 'resolved' THEN jsonb_build_object('release', tmp.releases, 'fixed_ver
           CASE WHEN tmp.release_status <> 'resolved' THEN  jsonb_build_object('release', tmp.releases, 'version
    FROM
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    (
        SELECT rm.releases_json -> rm.releases -> 'repositories' ->> rm.releases AS release_repo,
               rm.releases_json -> rm.releases ->> 'status' AS release_status,
               rm.releases_json -> rm.releases ->> 'urgency' AS release_urgency,
               rm.*
        FROM wt_release_msg rm
    )tmp
)tmp2
GROUP BY tmp2.lib_name, tmp2.cve_id;

DELETE FROM test.dws_graph_node_affected_component WHERE vul_source = 'DEBIAN';
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 lib_name, vendor, module, ecosystem, 'DEBIAN' AS vul_source   FROM   test.t_tmp_graph_node
  )tmp;

 SELECT *FROM test.t_tmp_graph_node_component_DEBIAN 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 = 'DEBIAN';
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 cve_id AS id, lib_name, vendor, module, ecosystem, '' repo_url, '' AS platform,
             '' AS collectionurl, '' AS defaultstatus, affected_versions, fixed_versions, 'DEBIAN' AS vul_source
  )tmp;


```