graph_mend_io

```
CREATE TABLE test.t_tmp_node_vul_MEND_IO AS
WITH wt_cwe_tmp AS
(
   SELECT tmp.id, jsonb_agg(tmp.weaknesses)  AS weaknesses
   FROM
   (
    SELECT mi.id, jsonb_build_object('type','','cweId', cwe_ids ->> 0, 'description','') AS weaknesses
    FROM test.t_tmp_craw_mend_io mi ,
    jsonb_array_elements(mi.vul_msg -> 'cwe_id') cwe_ids
   )tmp
   GROUP BY tmp.id

),
wt_cvss_tmp AS
(
    SELECT tmp.id, jsonb_agg(tmp.cvss_)  AS severity
   FROM
   (
    SELECT mi.id,
    (cvss -> 'cvss_data') ||
       ('{"version":"' || REPLACE(split_part(cvss ->> 'cvss_type',' ',2),'V','') || '"}' )::jsonb AS cvss_
--  REPLACE(lower(split_part(cvss ->> 'cvss_type',' ',2)),'v','')
    FROM test.t_tmp_craw_mend_io mi ,
    jsonb_array_elements(mi.vul_msg -> 'cvss') cvss
   )tmp
   GROUP BY tmp.id
)
SELECT tt.id,
       '[]' AS aliases,
       '{}'::jsonb AS SOURCE,
       jsonb_build_object('title','','details',tt.vul_msg ->> 'desc') AS description,
       ct.weaknesses,
       ct2.severity,
       jsonb_build_object('published',tt.vul_msg ->> 'date', 'lastModified', '', 'datePublic', '')  AS time_inf
       ('{"impact_info":{"impacts":null, "impactScore":null},
            "patch_info":{"patch_available":null, "patch_url":null },
            "exploit_info":{"exploitable":null, "exploits":null, "exploit_url":null, "exploitabilityScore":null
            "report_status":null}')::jsonb ||
       jsonb_build_object('solution_info',  COALESCE(tt.vul_msg ->> 'fix', '[]')) ||
       jsonb_build_object('PoC_info', jsonb_build_object('PoC_available', NULL, 'PoC_url', NULL, 'PoC', tt.vul_
FROM test.t_tmp_craw_mend_io tt
LEFT JOIN wt_cwe_tmp ct
       ON tt.id = ct.id
LEFT JOIN wt_cvss_tmp ct2
       ON ct2.id = tt.id ;

      Whitesource

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



bash gen_graph_data.sh "MEND_IO" "node" "vul"
bash neo4j_vul_node_load.sh "MEND_IO" "1"



DROP TABLE IF EXISTS test.t_tmp_graph_node_cwe_MEND_IO;
CREATE TABLE test.t_tmp_graph_node_cwe_MEND_IO AS
SELECT DISTINCT mi.id, cwe_ids ->> 0 AS cwe_id
    FROM test.t_tmp_craw_mend_io mi ,
    jsonb_array_elements(mi.vul_msg -> 'cwe_id') cwe_ids;


DELETE FROM test.dws_graph_node_cwe WHERE vul_source = 'MEND_IO';
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, 'MEND_IO'   FROM   test.t_tmp_graph_node_cwe_MEND_IO
  )tmp;
bash gen_graph_data.sh "MEND_IO" "node" "cwe"
bash neo4j_cwe_node_load.sh "MEND_IO" "0"



DELETE FROM test.dws_graph_relationships_cwe WHERE vul_source = 'MEND_IO';
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, '' AS cwe_desc , 'MEND_IO' AS vul_source  FROM   test.t_tmp
  )tmp;
bash gen_graph_data.sh "MEND_IO" "relationships" "cwe"
bash neo4j_relationships_cwe_load.sh "MEND_IO" "1"









DROP TABLE IF EXISTS test.t_tmp_graph_node_refs_MEND_IO;
CREATE TABLE test.t_tmp_graph_node_refs_MEND_IO AS
SELECT DISTINCT mi.id, refs ->> 0 AS ref_url
    FROM test.t_tmp_craw_mend_io mi ,
    jsonb_array_elements(mi.vul_msg -> 'related_resources') refs;

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DELETE FROM test.dws_graph_node_refs WHERE vul_source = 'MEND_IO';
ALTER SEQUENCE cve_graph_seq RESTART START WITH 1;
INSERT INTO test.dws_graph_node_refs
  SELECT nextval('cve_graph_seq') AS seq, tmp.*
  FROM (
    SELECT   DISTINCT ref_url, 'MEND_IO' AS source  FROM   test.t_tmp_graph_node_refs_MEND_IO
  )tmp;
bash gen_graph_data.sh "MEND_IO" "node" "refs"
bash neo4j_refs_node_load.sh "MEND_IO" "5"




DELETE FROM test.dws_graph_relationships_refs WHERE vul_source = 'MEND_IO';
ALTER SEQUENCE cve_graph_seq RESTART START WITH 1;
INSERT INTO test.dws_graph_relationships_refs
  SELECT nextval('cve_graph_seq') AS seq, tmp.*
  FROM (
    SELECT   DISTINCT  id, ref_url , '' AS tags, '' AS ref_desc , 'MEND_IO' AS vul_source  FROM   test.t_tmp_gr
  )tmp;
bash gen_graph_data.sh "MEND_IO" "relationships" "refs"
bash neo4j_relationships_refs_load.sh "MEND_IO" "7"




```