

CWE REST API Working Group Meeting – January 5, 2023

- 1) Call to order – recording
- 2) Agenda approval
- 3) Minutes approval
- 4) Regular order

- Note – email list reflector: cwe-capec-rest-api-working-group-list@mitre.org
- Note – GitHub: <https://github.com/CWE-CAPEC/REST-API-wg>
- Note – CWE data response content: https://cwe.mitre.org/data/xsd/cwe_schema_latest.xsd
- Note – Swagger: [API Documentation & Design Tools for Teams | Swagger](#)
- Note – GraphQL and GraphQL Playground: <https://graphql.org/>
- Note – Specs are here: <https://github.com/CWE-CAPEC/REST-API-wg/tree/main/specifications>
- Status (MITRE)
 - o InfoSec discussion pending to move process forward
 - o Some code/security fixes progressing
 - o No firm release date...
- “Cumbersome” or “verbose” mechanics to drill down to specific CWE
 - o Weakness/category/view
 - o Each ID could be any of the 3...
 - o Adding “content type” to entries could alleviate this issue
 - o CVE format FIXED; CWE/CAPEC format differs on content types
 - o “Type key” on response seems logical
 - o Question is: will query allow search on type keys?
 - Remove this option (category, weakness, view) from endpoint (/cwec /cwev /cwev)
 - Search (tell me all the **view** CWE IDs) can be done on the client side
 - o GET /cwe/descendants/?id=1003 → [22,33,...] OR [[22,1][33,1],...]
 - “1” would be a “type key” value
 - But, we are NOT adding this (,1) to this response
 - But the type key would be in other replies (queries that return IDs, ONLY, won’t have types)
- New processes
 - o Go to every-2-weeks meeting schedule
 - Schedule spec reviews (for example) at one of these meetings
 - Enums would not explicitly be in the spec; syntax of response would be in the spec
 - o Spec review
 - Add version history (last data modified) into spec
 - o Feature review – QA
 - Test endpoint will be available for QA and review prior to roll-out
 - o Roll-out
 - o Publicity

5) Action item review

- Spec review in next meeting – 2 weeks from today – so please have a look at (<https://github.com/CWE-CAPEC/REST-API-wg/blob/main/specifications/openapi.yml>) – pending updates from MITRE
- Check GitHub for enhanced views of db content (all)
- Status update

6) Adjourn