CWE MAPPING WITH CERT C AND MISRA C IMPLEMENTATON MANUAL

Latest Versions supported:

* **HelixQAC-2022.2** version and with this version we have
  + CWECCM version-2.3.0 for C language

* Copy CWECCM Manual, and QAC Manual ([Overview of Deviation Records (conti.de)](https://github.geo.conti.de/pages/VED-SourceCodeQuality/MisraDocumentation/QacMessages/index.html)) in an excel sheet as Sheet1 and Sheet2 Respectively.

Example – 

In addition to perforce document, For rules present in Weakness in software written in C and top 25 most dangerous weaknesses use this -



* Run the script - [uib12247/CWE-mapping-with-CERTC-MISRAC (conti.de)](https://github.geo.conti.de/uib12247/CWE-mapping-with-CERTC-MISRAC)

Which maps CWE with QAC Message and MISRA rules and then maps CERT-C with CWE from - [CWE - CWE-1154: Weaknesses Addressed by the SEI CERT C Coding Standard (4.8) (mitre.org)](https://cwe.mitre.org/data/definitions/1154.html)

And extracts Comments from our present config with input-- [VED Source-Code-Quality Strategy](http://frcv002/job/VED-SourceCodeQuality/job/VED-SourceCodeQualityStrategy/job/master/lastSuccessfulBuild/artifact/build/docs/html5/internal.html#_cert_c)

and marks Not Mapped which is not present in our config. At the end it maps Child and Parent for each CWE Rule, Generates the Excel of the mapping between CERT-C, CWE and MISRA-C