**API Standards Proof of Concept**

In our current state, if we want to create documentation, we have to do it in 3 places to maintain the current process.

This would involve creating the manual documentation for ReadMe (cmicapi.com), creating a Postman collection, as well as adding the API and base tests to ReadyAPI so that QA has it for automated testing.

I'm going to add some information here about what my investigation into ReadyAPI vs. Postman and whether it'd be possible to transfer data from one to another easily and maintain some sort of structure as it would be beneficial to creating a proper documentation process.

From everything I've looked at thus far, ReadyAPI has a built-in integration to import Postman collections (.json) files - these are all placed in the same format where all the existing webservices are imported at the same level. Any sense of formatting or organization from the collection via folders and such are effectively destroyed. The only grouping that remains after the import is based on the root URL of the webservices.

On the converse, Postman does not accept the .xml file format that ReadyAPI projects export as.

However, what I did find a sort of compromise between these 2 - both will accept the import of .json/.yaml files that follow OAS 3 or Swagger specifications. This is the documentation standards that most, if not all, REST APIs tend to follow nowadays. With such documentation files in place, we are able to import them into Postman as their own individual collections, or into a ReadyAPI project as API files. In ReadyAPI, the basic tests and any additional functional tests would have to be added on top.

I can put together a demo or file to demonstrate how what I've found so far works if anyone thinks it would be beneficial. I'll continue to look further, but this seems to be our best bet at the moment, but there are some details that would need to be flushed out.