**API Demo for Conigital**

**Choice of Language:**

Python is fast and features a rich set of libraries allowing for fast development.

**Assumptions:**

* Format of API call is not given, for the purpose of the demo the following string was chosen: ‘/API\_Call=<integer>
* Format of JSON response is undefined. An example of format chosen for the purpose of the demo:

{

"API Version": "1.0",

"Response": "S"

}

* Assumed the API required a version history.
* Server is hard coded currently to run on local host, the assumption made is for the purpose of the demo this is sufficient.
* How the web server and API should respond when an invalid GET is made (i.e. /API\_Call=something\_invalid) has not been defined.
* Unit test or some other form of testing is not required at this point
* Server use will be moderate

**Possible Improvements:**

* More error handling in the API to de-couple error handling from server class.
* JSON data returned could possibly JSON Scheme or other standards