Creating Well-Structured Output for API Clients Using Postman to Get Weather Report. (Source code)

OpenWeatherAPI

```
{

    "info": {

        "_postman_id": "590b255e-1194-444d-81dc-dc396b18b003",

        "name": "OpenWeatherAPI",

        "schema":
"https://schema.getpostman.com/json/collection/v2.1.0/collection.json",

        "_exporter_id": "31715014"

    },

    "item": [

        {

            "name": "GetWeatherLatLon",

            "request": {

                "method": "GET",

                "header": [],

                "url": {

                    "raw":
"{{Base_URL}}?lat=44.34&lon=10.99&appid={{Global_API_Key}}",

                    "host": [

                        "{{Base_URL}}"

                    ],

                    "query": [

                        {
```

```json
                                    "key": "lat",

                                    "value": "44.34"

                                },

                                {

                                    "key": "lon",

                                    "value": "10.99"

                                },

                                {

                                    "key": "appid",

                                    "value": "{{Global_API_Key}}"

                                }
                            ]
                    }
            },
            "response": []
        },
        {

            "name": "GetCityID",

            "request": {

                    "method": "GET",

                    "header": [],

                    "url": {

                            "raw":
"{{Base_URL}}?id=1261481&appid={{Global_API_Key}}",

                            "host": [

                                    "{{Base_URL}}"

                            ],

                            "query": [

                                    {
```

```json
                                    "key": "id",

                                    "value": "1261481"

                            },

                            {

                                    "key": "appid",

                                    "value": "{{Global_API_Key}}"

                            }

                    ]

            }

    },

    {

            "name": "GetCitybyName",

            "event": [

                    {

                            "listen": "prerequest",

                            "script": {

                                    "exec": [

                                            "pm.environment.set(\"City\",
\"Bengaluru\"); //Environment Variable\r",

                                            "\r",

                                            "pm.globals.set(\"global_var1\",
\"global_1\"); // Global Varialbe\r",

                                            ""

                                    ],

                                    "type": "text/javascript"

                            }

                    }
```

```json
            ],
            "request": {
                "method": "GET",
                "header": [],
                "url": {
                    "raw":
"{{Base_URL}}?q={{City}}&appid={{Global_API_Key}}&units=metric",
                    "host": [
                        "{{Base_URL}}"
                    ],
                    "query": [
                        {
                            "key": "q",
                            "value": "{{City}}"
                        },
                        {
                            "key": "appid",
                            "value": "{{Global_API_Key}}"
                        },
                        {
                            "key": "units",
                            "value": "metric"
                        }
                    ]
                }
            },
            "response": []
        },
        {
```

```json
                    "name": "GetLanguage",

                    "request": {

                        "method": "GET",

                        "header": [],

                        "url": {

                            "raw":
"{{Base_URL}}?id=524901&lang=fr&appid={{Global_API_Key}}",

                            "host": [

                                "{{Base_URL}}"

                            ],

                            "query": [

                                {

                                    "key": "id",

                                    "value": "524901"

                                },

                                {

                                    "key": "lang",

                                    "value": "fr"

                                },

                                {

                                    "key": "appid",

                                    "value": "{{Global_API_Key}}"

                                }

                            ]

                        }

                    },

                    "response": []

                }

            ],
```

```
        "event": [
            {
                "listen": "prerequest",
                "script": {
                    "type": "text/javascript",
                    "exec": [
                        ""
                    ]
                }
            },
            {
                "listen": "test",
                "script": {
                    "type": "text/javascript",
                    "exec": [
                        ""
                    ]
                }
            }
        ]
}
```

QA_Environment

```
{
    "id": "de311166-6770-4ec1-88d3-063715ed22d5",
    "name": "QA_Environment",
    "values": [
        {
            "key": "Base_URL",
```

```json
            "value": "",
            "type": "default",
            "enabled": true
    },
    {
            "key": "APIKey_env",
            "value": "",
            "type": "default",
            "enabled": true
    },
    {
            "key": "City",
            "value": "",
            "type": "any",
            "enabled": true
    },
    {
            "key": "email",
            "value": "",
            "type": "default",
            "enabled": true
    },
    {
            "key": "password",
            "value": "",
            "type": "default",
            "enabled": true
    }
```

```
    ],
    "_postman_variable_scope": "environment",
    "_postman_exported_at": "2023-12-14T12:17:20.468Z",
    "_postman_exported_using": "Postman/10.21.2"
}
```