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

OpenWeatherAPI

```json
{
        "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": [
                                                {
                                                        "key": "lat",
                                                        "value": "44.34"
                                                },
                                                {
```

```json
                        "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": [
                    {
                        "key": "id",
                        "value": "1261481"
                    },
```

```
                    {
                        "key": "appid",
                        "value": "{{Global_API_Key}}"
                    }
                ]
            }
        },
        "response": []
    },
    {
        "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"
                }
            }
        ],
        "request": {
            "method": "GET",
```

```json
					"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": []
			},
			{
				"name": "GetLanguage",
				"request": {
```

```json
                "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",
                        "value": "",
```

```json
                "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"

}