

OpenAPI v3 Protocol Buffer Models

This directory contains a Protocol Buffer-language model and related code for supporting OpenAPI v3.

Gnostic applications and plugins can use `OpenAPIv3.proto` to generate Protocol Buffer support code for their preferred languages.

`OpenAPIv3.go` is used by Gnostic to read JSON and YAML OpenAPI descriptions into the Protocol Buffer-based datastructures generated from `OpenAPIv3.proto`.

`OpenAPIv3.proto` and `OpenAPIv3.go` are generated by the Gnostic compiler generator, and `OpenAPIv3.pb.go` is generated by `protoc`, the Protocol Buffer compiler, and `protoc-gen-go`, the Protocol Buffer Go code generation plugin.

`openapi-3.1.json` is a JSON schema for OpenAPI 3.1 that is automatically generated from the OpenAPI 3.1 specification. It is not an official JSON Schema for OpenAPI.

The `schema-generator` directory contains support code which generates `openapi-3.1.json` from the OpenAPI 3.1 specification document (Markdown).