What

This aims to define the unified alerting API as code. It generates OpenAPI definitions from go structs. It also generates server/route stubs based on our documentation.

Running

`make` - regenerate everything - documentation and server stubs. `make serve` - regenerate the Swagger document, and host rendered docs on port 80. view api

Requires

- go-swagger
- goimports

Why

The current state of Swagger extraction from golang is relatively limited. It's easier to generate server stubs from an existing Swagger doc, as there are limitations with producing a Swagger doc from a hand-written API stub. The current extractor instead relies on comments describing the routes, but the comments and actual implementation may drift, which we don't want to allow.

Instead, we use a hybrid approach - we define the types in Golang, with comments describing the routes, in a standalone package with minimal dependencies. From this, we produce a Swagger doc, and then turn the Swagger doc back into a full-blown server stub.