Kubernetes's OpenAPI Specification

This folder contains an [OpenAPI specification](#) for Kubernetes API.

Vendor Extensions

Kubernetes extends OpenAPI using these extensions. Note the version that extensions has been added.

`x-kubernetes-group-version-kind`

Operations and Definitions may have `x-kubernetes-group-version-kind` if they are associated with a [kubernetes resource](#).

For example:

```
"paths": {
    ...
    "/api/v1/namespaces/{namespace}/pods/{name}": {
        ...
        "get": {
        ...
            "x-kubernetes-group-version-kind": {
            "group": "",
            "version": "v1",
            "kind": "Pod"
            }
        }
    }
}
```

`x-kubernetes-action`

Operations and Definitions may have `x-kubernetes-action` if they are associated with a [kubernetes resource](#). Action can be one of `get`, `list`, `put`, `patch`, `post`, `delete`, `deletecollection`, `watch`, `watchlist`, `proxy`, or `connect`.

For example:

```
"paths": {
    ...
    "/api/v1/namespaces/{namespace}/pods/{name}": {
        ...
        "get": {
        ...
            "x-kubernetes-action": "list"
        }
    }
}
```

`x-kubernetes-patch-strategy` and `x-kubernetes-patch-merge-key`

Some of the definitions may have these extensions. For more information about PatchStrategy and PatchMergeKey see [strategic-merge-patch](#).