



Open API Specifications 3.0

Cheat Sheet

openapi	string		
info	title	string	
	description	string	
	termsOfService	string(url)	
	contact	name	string
		url	string(url)
		email	string(email)
	license	name	string
		url	string(url)
	version		
servers	[Server]		
paths	{/{path}: Path Item}		
components	{string: Schema}		
	{string: Response}		
	{string: Parameter}		
	{string: Example}		
	{string: Request Body}		
	{string: Header}		
	{string: Security Scheme}		
	{string: Link}		
	{string: Callback}		
security	[Security Requirement]		
tags	[Tag]		
externalDocs	External Documentation		

Data Types	
type	format
integer	int32
integer	int64
number	float
number	double
string	
string	byte
string	binary
boolean	
string	date
string	date-time
string	password

Server	
url	string(url)
description	string
variables	[string: Server Variable]

Server Variable	
enum	[string]
default	string
description	string

Path Item	
\$ref	string
summary	string
description	string
get	Operation
put	Operation
post	Operation
delete	Operation
options	Operation
head	Operation
patch	Operation
trace	Operation
servers	[Server]
parameters	[Parameter]

Operation	
tags	[string]
summary	string
description	string
externalDocs	External Documentation
operationId	string
parameters	[Parameter]
requestBody	RequestBody
responses	Responses
callbacks	[string: Callback]
deprecated	boolean
security	[Security Requirement]
servers	[Server]

Request Body	
description	string
content	[string: Media Type]
required	boolean

Responses	
default	Response
[[{statusCode}]]	Response

Response	
description	string
headers	[string: Header]
content	[string: Media Type]
links	[string: Link]

External Documentation	
description	string
url	string(url)

Parameter	
name	string
in	string
description	string
required	boolean
deprecated	boolean
allowEmptyValue	boolean
style	string
explode	boolean
allowReserved	boolean
schema	Schema
example	Any
examples	[string: Example]
content	[string: Media Type]

Example	
summary	string
description	string
value	Any
externalValue	string(url)

Media Type	
schema	Schema
example	Any
examples	[string: Example]
encoding	[string: Encoding]

Encoding	
contentType	string
headers	[string: Header]
style	string
explode	boolean
allowReserved	boolean

Header	
description	string
required	boolean
deprecated	boolean
allowEmptyValue	boolean
style	string
explode	boolean
allowReserved	boolean
schema	Schema
example	Any
examples	[string: Example]
content	[string: Media Type]

Link	
operationRef	string
operationId	string
parameters	[string: Any]
requestBody	Any
description	string
server	Server

Security Scheme	
type	string
description	string
name	string
in	string
scheme	string
bearerFormat	string
flows	OAuth Flows
openIdConnectUrl	string

OAuth Flows	
implicit	OAuth Flow
password	OAuth Flow
clientCredentials	OAuth Flow
authorizationCode	OAuth Flow

OAuth Flow	
authorizationUrl	string(url)
tokenUrl	string(url)
refreshUrl	string(url)
scopes	[string: string]

Schema	
nullable	boolean
discriminator	Discriminator
readOnly	boolean
writeOnly	boolean
xml	XML
externalDocs	External Documentation
example	Any
deprecated	boolean

Discriminator	
propertyName	string
mapping	[string: string]

XML	
name	string
namespace	string
prefix	string
attribute	boolean
wrapped	boolean

Callback	
{expression}	Path Item

Security Requirement	
{name}	[string]

Tag	
name	string
description	string
externalDocs	External Documentation

Reference	
\$ref	string