## Change history of go-restful

v2.9.5 - fix panic in Response.WriteError if err == nil

#### v2.9.4

- fix issue #400, parsing mime type quality
- Route Builder added option for contentEncodingEnabled (#398)

## v2.9.3

- Avoid return of 415 Unsupported Media Type when request body is empty (#396)

## v2.9.2

• Reduce allocations in per-request methods to improve performance (#395)

#### v2.9.1

• Fix issue with default responses and invalid status code 0. (#393)

## v2.9.0

• add per Route content encoding setting (overrides container setting)

#### v2.8.0

- add Request.QueryParameters()
- add json-iterator (via build tag)
- disable vgo module (until log is moved)

#### v2.7.1

• add vgo module

## v2.6.1

- add JSONNew Decoder<br/>Func to allow custom JSON Decoder usage (go1.10+)

#### v2.6.0

- Make JSR 311 routing and path param processing consistent
- Adding description to RouteBuilder.Reads()
- Update example for Swagger12 and OpenAPI

## 2017-09-13

• added route condition functions using . If (func) in route building.

### 2017-02-16

• solved issue #304, make operation names unique

## 2017-01-30

[IMPORTANT] For swagger users, change your import statement to: swagger "github.com/emicklei/go-restful-swagger12"

- moved swagger 1.2 code to go-restful-swagger 12
- created TAG 2.0.0

#### 2017-01-27

- remove defer request body close
- expose Dispatch for testing filters and Routefunctions
- swagger response model cannot be array
- created TAG 1.0.0

## 2016-12-22

• (API change) Remove code related to caching request content. Removes SetCacheReadEntity(doCache bool)

#### 2016-11-26

- Default change! now use CurlyRouter (was RouterJSR311)
- Default change! no more caching of request content
- Default change! do not recover from panics

#### 2016-09-22

• fix the DefaultRequestContentType feature

### 2016-02-14

- take the qualify factor of the Accept header mediatype into account when deciding the contentype of the response
- add constructors for custom entity accessors for xml and json

## 2015-09-27

• rename new WriteStatusAnd... to WriteHeaderAnd... for consistency

#### 2015-09-25

• fixed problem with changing Header after WriteHeader (issue 235)

## 2015-09-14

- changed behavior of WriteHeader (immediate write) and WriteEntity (no status write)
- added support for custom EntityReaderWriters.

#### 2015-08-06

- add support for reading entities from compressed request content
- use sync.Pool for compressors of http response and request body
- add Description to Parameter for documentation in Swagger UI

#### 2015-03-20

• add configurable logging

## 2015 - 03 - 18

• if not specified, the Operation is derived from the Route function

#### 2015-03-17

- expose Parameter creation functions
- make trace logger an interface
- fix OPTIONSFilter
- customize rendering of ServiceError
- JSR311 router now handles wildcards
- add Notes to Route

## 2014-11-27

• (api add) PrettyPrint per response. (as proposed in #167)

#### 2014-11-12

• (api add) ApiVersion(.) for documentation in Swagger UI

#### 2014-11-10

• (api change) struct fields tagged with "description" show up in Swagger UI

#### 2014-10-31

- (api change) ReturnsError -> Returns
- (api add) RouteBuilder.Do(aBuilder) for DRY use of RouteBuilder
- fix swagger nested structs
- sort Swagger response messages by code

## 2014 - 10 - 23

- (api add) ReturnsError allows you to document Http codes in swagger
- fixed problem with greedy CurlyRouter
- (api add) Access-Control-Max-Age in CORS
- add tracing functionality (injectable) for debugging purposes
- support JSON parse 64bit int
- fix empty parameters for swagger
- WebServicesUrl is now optional for swagger
- fixed duplicate AccessControlAllowOrigin in CORS
- (api change) expose ServeMux in container
- (api add) added AllowedDomains in CORS
- (api add) ParameterNamed for detailed documentation

## 2014-04-16

• (api add) expose constructor of Request for testing.

### 2014-06-27

- (api add) ParameterNamed gives access to a Parameter definition and its data (for further specification).
- (api add) SetCacheReadEntity allow scontrol over whether or not the request body is being cached (default true for compatibility reasons).

#### 2014-07-03

• (api add) CORS can be configured with a list of allowed domains

## 2014-03-12

• (api add) Route path parameters can use wildcard or regular expressions. (requires CurlyRouter)

## 2014-02-26

 (api add) Request now provides information about the matched Route, see method SelectedRoutePath

#### 2014-02-17

• (api change) renamed parameter constants (go-lint checks)

## 2014-01-10

• (api add) support for CloseNotify, see http://golang.org/pkg/net/http/#CloseNotifier

#### 2014-01-07

- (api change) Write\* methods in Response now return the error or nil.
- added example of serving HTML from a Go template.
- fixed comparing Allowed headers in CORS (is now case-insensitive)

## 2013-11-13

• (api add) Response knows how many bytes are written to the response body.

## 2013-10-29

• (api add) RecoverHandler(handler RecoverHandleFunction) to change how panic recovery is handled. Default behavior is to log and return a stacktrace. This may be a security issue as it exposes sourcecode information.

## 2013-10-04

- (api add) Response knows what HTTP status has been written
- (api add) Request can have attributes (map of string->interface, also called request-scoped variables

## 2013-09-12

- (api change) Router interface simplified
- Implemented CurlyRouter, a Router that does not use allow regular expressions in paths

## 2013-08-05 - add OPTIONS support - add CORS support

## 2013-08-27

- fixed some reported issues (see github)
- (api change) deprecated use of WriteError; use WriteErrorString instead

#### 2014-04-15

• (fix) v1.0.1 tag: fix Issue 111: WriteErrorString

#### 2013-08-08

- (api add) Added implementation Container: a WebServices collection with its own http.ServeMux allowing multiple endpoints per program. Existing uses of go-restful will register their services to the DefaultContainer.
- (api add) the swagger package has be extended to have a UI per container.
- if panic is detected then a small stack trace is printed (thanks to runner-mei)
- (api add) WriteErrorString to Response

## Important API changes:

- (api remove) package variable DoNotRecover no longer works ; use restful.DefaultContainer.DoNotRecover(true) instead.
- (api remove) package variable EnableContentEncoding no longer works; use restful.DefaultContainer.EnableContentEncoding(true) instead.

## 2013-07-06

• (api add) Added support for response encoding (gzip and deflate(zlib)). This feature is disabled on default (for backwards compatibility). Use restful. Enable Content Encoding = true in your initialization to enable this feature.

### 2013-06-19

 $\bullet$  (improve) DoNotRecover option, moved request body closer, improved ReadEntity

### 2013-06-03

- (api change) removed Dispatcher interface, hide PathExpression
- changed receiver names of type functions to be more idiomatic Go

### 2013-06-02

• (optimize) Cache the RegExp compilation of Paths.

#### 2013-05-22

• (api add) Added support for request/response filter functions

## 2013 - 05 - 18

• (api add) Added feature to change the default Http Request Dispatch function (travis cline)

• (api change) Moved Swagger Webservice to swagger package (see example restful-user)

# [2012-11-14 .. 2013-05-18>

 $\bullet \ \ See \ https://github.com/emicklei/go-restful/commits$ 

## 2012 - 11 - 14

• Initial commit