# The rest-api package

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## 1 Introduction

A package to discribe a REST API for documentation.

## 2 Usage

## GET Request with parameter

```
\begin{apiRoute}{get}{/api/storage/}{id}}{get specific}
    storage with id}
        \begin{routeParameter}
                \routeParamItem{id}{id of storage}
        \end{routeParameter}
        \begin{routeResponse}{application/json}
                \begin{routeResponseItem}{200}{ok}
                        \begin{routeResponseItemBody}
{
       "id": 867654678,
       "name" : "Apfelmus",
        "count" : 25
                        \end{routeResponseItemBody}
                \end{routeResponseItem}
                \begin{routeResponseItem}{404}{error:
                   storage not found}
                        \begin{routeResponseItemBody}
        "message": "storage with id '11' not found!"
                        \end{routeResponseItemBody}
                \end{routeResponseItem}
        \end{routeResponse}
\end{apiRoute}
```

#### GET Request without parameter

```
\begin{apiRoute}{get}{/api/storage/}{get a list of all
   storage 's}
        \begin{routeParameter}
                \noRouteParamter{no parameter}
        \end{routeParameter}
        \begin{routeResponse}{application/json}
                \begin{routeResponseItem}{200}{ok}
                        \begin{routeResponseItemBody}
[
        {
                "id": 867654678,
                "name" : "Apfelmus",
                "count" : 25
                "id": 342523,
                "name" : "Birnenmus",
                "count" : 1
        },
                        \end{routeResponseItemBody}
                \end{routeResponseItem}
        \end{routeResponse}
\end{apiRoute}
```

## GET Request without parameter and response

## **POST Request**

```
\begin{apiRoute}{post}{/api/storage/}{create a new storage} \begin{routeParameter} \noRouteParameter} \end{routeParameter} \end{routeParameter}
```

```
\begin{routeRequest}{application/json}
                \begin{routeRequestBody}
{
        "name" : "Apfelmus",
        "count" : 25
                \end{routeRequestBody}
        \end{routeRequest}
        \begin{routeResponse}{application/json}
                \begin{routeResponseItem}{200}{ok}
                        \begin{routeResponseItemBody}
{
        "id": 867654678,
        "name" : "Apfelmus",
        "count" : 25
}
                         \end{routeResponseItemBody}
                \end{routeResponseItem}
        \end{routeResponse}
\end{apiRoute}
```

#### **PUT Request**

```
\begin{array}{l} \begin{array}{l} & \\ \\ \end{array} \end{array} 
   existing storage with id}
        \begin{routeParameter}
                 \routeParamItem {id} {id of storage}
        \end{routeParameter}
        \begin{routeRequest}{application/json}
                \begin{routeRequestBody}
{
        "id": 867654678,
        "name" : "Apfelmus",
        "count" : 255
                \end{routeRequestBody}
        \end{routeRequest}
        \begin{routeResponse}{application/json}
                \begin{routeResponseItem}{200}{ok}
                         \begin{routeResponseItemBody}
        "id": 867654678,
        "name" : "Apfelmus",
        "count" : 255
```

```
\end{routeResponseItemBody}
\end{routeResponseItem}
\begin{routeResponseItem}{404}{error:
    storage not found}
    \begin{routeResponseItemBody}

{
    "message": "storage with id '11' not found!"
}
\end{routeResponseItemBody}
\end{routeResponseItemBody}
\end{routeResponseItem}
\end{routeResponseItem}
\end{apiRoute}
```

#### **DELETE Request**

```
storage with id}
       \begin{routeParameter}
              \routeParamItem{id}{id of storage}
       \end{routeParameter}
       \begin{routeResponse}{application/json}
              \begin{routeResponseItem}{200}{ok}
              \end{routeResponseItem}
              \begin{routeResponseItem}{404}{error}:
                 storage not found }
                      \begin{routeResponseItemBody}
{
       "message": "storage with id '11' not found!"
                      \end{routeResponseItemBody}
              \end{routeResponseItem}
       \end{routeResponse}
\end{apiRoute}
```

#### 2.1 Usercallable macros and environments

\getGetColor \getGetBorderColor \getGetLightColor \getPostColor \getPostBorderColor \getPostLightColor \getPutColor \getPutBorderColor Return the main color for routes with get method.
Return the border color for routes with get method.
Return the background color for routes with get method.
Return the main color for routes with post method.
Return the border color for routes with post method.
Return the background color for routes with post method.
Return the main color for routes with put method.
Return the border color for routes with put method.

\getPutLightColor Return the background color for routes with put method.

\getDeleteColor Return the main color for routes with delete method.

\getDeleteBorderColor Return the border color for routes with delete method.

\getDeleteLightColor Return the background color for routes with delete method.

\noBreakRoute Set \routeBreakValue true.
\breakRoute Set \routeBreakValue false.

apiRoute Describe an endpoint with path, method and describtion. Contains other envi-

ronments with further information.

routeRequest Describe the content type of the request. Contains the request body.

routeParameter Describe the path parameter. Contains a list of \routeParamItem commands. If

no paramters excists you can use the command \noRouteParamter.

\routeParamItem Describe a parameter with name and describtion.

\noRouteParamter Show a text e.g. 'no parameter'.

routeResponse Describe the content type of the response. Contains a list of routeResponseItem

environments or the command \noRouteResponse.

\noRouteResponse Show a text e.g. 'no response'.

routeResponseItem Describe the the http status code with describtion. Contains the response body.

## 2.2 Helper macros

\routeBreakValue Return true or false to enable/disable noBreak of a route.

\methodColor Return the main color of the current route.

\methodLightColor Return the background color of the current route.

\methodBorderColor Return the border color of the current route.

estinoaborder coror of the current for

\methodJson Set the with

lstset color scheme for the listings of the current route.

## 3 Implementation

this is my first package

(c) Dennis Klein

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- 1 \NeedsTeXFormat{LaTeX2e}
- 2 \ProvidesPackage{restapi}[2020/02/18 REST API package]
- 3 \RequirePackage[T1]{fontenc}
- 4 \RequirePackage{tabularx,colortbl}
- 5 \RequirePackage{transparent}
- 6 \RequirePackage{xcolor}
- 7 \RequirePackage{color}
- 8 \RequirePackage{xifthen, xstring}
- 9 \RequirePackage{tikz}
- ${\tt 10 \ \ \ \ \ \ \ } \{\tt mdframed\}$
- 11 \RequirePackage{array}
- 12 \RequirePackage{verbatim}

```
13 \RequirePackage{listings}
                                                           16 \definecolor{getLightBlue}{HTML}{ECF6FF}
                       \getGetColor
                                                           17 \newcommand{\getGetColor}{getBlue}
       \getGetBorderColor
                                                           18 \newcommand{\getGetBorderColor}{getBlueBorder}
         \getGetLightColor
                                                           19 \newcommand{\getGetLightColor}{getLightBlue}
                                                           20 \definecolor{postGreen}{HTML}{009D77}
                                                           21 \definecolor{postGreenBorder}{HTML}{49CC97}
                                                           22 \definecolor{postLightGreen}{HTML}{EBF7F4}
                    \getPostColor
                                                           23 \newcommand{\getPostColor}{postGreen}
    \getPostBorderColor
                                                           24 \newcommand{\getPostBorderColor}{postGreenBorder}
       \getPostLightColor
                                                           25 \ensuremath{\mbox{\sc Newcommand{\sc Newcomman
                                                           26 \definecolor{putOrange}{HTML}{E97500}
                                                           27 \definecolor{putOrangeBorder}{HTML}{fca130}
                                                           28 \definecolor{putLightOrange}{HTML}{FEF4EB}
                      \getPutColor
                                                           29 \newcommand{\getPutColor}{putOrange}
       \getPutBorderColor
                                                           30 \newcommand{\getPutBorderColor}{putOrangeBorder}
         \getPutLightColor
                                                           31 \newcommand{\getPutLightColor}{putLightOrange}
                                                           32 \definecolor{deleteRed}{HTML}{CF3030}
                                                           33 \definecolor{deleteRedBorder}{HTML}{f93e3e}
                                                           {\tt 34 \backslash definecolor\{deleteLightRed\}\{HTML\}\{FBEEEE\}}
               \getDeleteColor
                                                           {\tt 35 \ \ leteColor} \{ \tt deleteRed \}
\getDeleteBorderColor
                                                           36 \newcommand{\getDeleteBorderColor}{deleteRedBorder}
```

#### \getDeleteLightColor

```
37 \newcommand{\getDeleteLightColor}{deleteLightRed}
38 \colorlet{punct}{black}
39 \definecolor{background}{HTML}{EEEEEE}
40 \colorlet{delimGet}{\getGetColor}
41 \colorlet{numbGet}{delimGet}
42 \verb|\colorlet{delimPost}{\getPostColor}|
43 \colorlet{numbPost}{delimPost}
44 \colorlet{delimPut}{\getPutColor}
45 \colorlet{numbPut}{delimPut}
46 \verb|\colorlet{delimDelete}{\colorlet{Color}}|
47 \colorlet{numbDelete}{delimDelete}
48 \lstdefinelanguage{jsonGet}{
49 basicstyle=\small\ttfamily\color{black},
50 numberstyle=\small\color{black},
51 keywordstyle=\color{black},
52 commentstyle=\color{black},
53 stringstyle=\color{black},
54 frame=L,
55 framesep=8pt,
56 framerule=2pt,
57 xleftmargin=50pt,
58 xrightmargin=Opt,
59 rulesep=0pt,
60 backgroundcolor=\color{white},
61 numbersep=8pt,
62 tabsize=4,
63 showstringspaces=false,
64 breaklines=true,
65 literate=
66 *{0}{{\{\color{numbGet}0\}\}}{1}}
67 {1}{{{\color{numbGet}1}}}{1}
68 {2}{{{\color{numbGet}2}}}{1}
69 {3}{{{\color{numbGet}3}}}{1}
70 {4}{{{\color{numbGet}4}}}{1}
71 {5}{{{\color{numbGet}5}}}{1}
72 {6}{{\color{numbGet}6}}}{1}
73 {7}{{{\color{numbGet}7}}}{1}
74 {8}{{\color{numbGet}8}}}{1}
75 {9}{{\color{numbGet}9}}}{1}
76 {:}{{{\color{punct}{:}}}}{1}
77 {,}{{\color{punct}{,}}}}{1}
78 {\f{\color{delimGet}{\f}}}{1}
79 {\}}{{{\color{delimGet}{\}}}}{1}
80 {[}{{\color{delimGet}{[}}}}{1}
81 {]}{{{\color{delimGet}{]}}}}{1},
82 }
83 \lstdefinelanguage{jsonPost}{
84 basicstyle=\small\ttfamily\color{black},
```

```
85 numberstyle=\small\color{black},
 86 keywordstyle=\color{black},
 87 commentstyle=\color{black},
 88 stringstyle=\color{black},
 89 frame=L,
 90 framesep=8pt,
 91 framerule=2pt,
 92 xleftmargin=50pt,
 93 xrightmargin=0pt,
 94 rulesep=0pt,
 95 backgroundcolor=\color{white},
 96 numbersep=8pt,
 97 tabsize=4,
 98 showstringspaces=false,
 99 breaklines=true,
100 literate=
101 *{0}{{{\color{numbPost}0}}}{1}
102 {1}{{{\color{numbPost}1}}}{1}
103 {2}{{{\color{numbPost}2}}}{1}
104 {3}{{{\color{numbPost}3}}}{1}
105 {4}{{{\color{numbPost}4}}}{1}
106 {5}{{{\color{numbPost}5}}}{1}
107 {6}{{{\color{numbPost}6}}}{1}
108 {7}{{{\color{numbPost}7}}}{1}
109 {8}{{{\color{numbPost}8}}}{1}
110 {9}{{{\color{numbPost}9}}}{1}
111 {:}{{{\color{punct}{:}}}}{1}
112 {,}{{\color{punct}{,}}}}{1}
113 {\f(\color{delimPost}{\f(\c)})}{1}
114 {\} {\{(\color{delimPost}{\})\}} {\{1\}}
115 {[}{{\color{delimPost}{[}}}}{1}
116 {]}{{{\color{delimPost}{]}}}}{1},
117 }
118 \lstdefinelanguage{jsonPut}{
119 basicstyle=\small\ttfamily\color{black},
120 numberstyle=\small\color{black},
121 keywordstyle=\color{black},
122 commentstyle=\color{black},
123 stringstyle=\color{black},
124 frame=L.
125 framesep=8pt,
126 framerule=2pt,
127 xleftmargin=50pt,
128 xrightmargin=Opt,
129 rulesep=0pt,
130 backgroundcolor=\color{white},
131 numbersep=8pt,
132 tabsize=4,
133 showstringspaces=false,
134 breaklines=true,
```

```
135 literate=
136 *{0}{{{\color{numbPut}0}}}{1}
137 {1}{{{\color{numbPut}1}}}{1}
138 {2}{{{\color{numbPut}2}}}{1}
139 {3}{{{\color{numbPut}3}}}{1}
140 {4}{{{\color{numbPut}}}}{1}
141 {5}{{{\color{numbPut}5}}}{1}
142 {6}{{{\color{numbPut}6}}}{1}
143 {7}{{{\color{numbPut}7}}}{1}
144 {8}{{{\color{numbPut}8}}}{1}
145 {9}{{{\color{numbPut}9}}}{1}
146 {:}{{{\color{punct}{:}}}}{1}
147 {,}{{\color{punct}{,}}}}{1}
148 {\f{\color{delimPut}}}{1}
149 {\}}{{{\color{delimPut}{\}}}}{1}
150 {[}{{\color{delimPut}{[}}}}{1}
151 {]}{{{\color{delimPut}{]}}}}{1},
152 }
153 \lstdefinelanguage{jsonDelete}{
154 basicstyle=\small\ttfamily\color{black},
155 numberstyle=\small\color{black},
156 keywordstyle=\color{black},
157 commentstyle=\color{black},
158 stringstyle=\color{black},
159 frame=L,
160 framesep=8pt,
161 framerule=2pt,
162 xleftmargin=50pt,
163 xrightmargin=Opt,
164 rulesep=0pt,
165 backgroundcolor=\color{white},
166 numbersep=8pt,
167 tabsize=4,
168 showstringspaces=false,
169 breaklines=true,
170 literate=
171 *{0}{{{\color{numbDelete}0}}}{1}
172 \{1\}\{\{\{\text{color}\{numbDelete\}1\}\}\}\{1\}
173 {2}{{{\color{numbDelete}2}}}{1}
174 {3}{{{\color{numbDelete}3}}}{1}
175 {4}{{{\color{numbDelete}4}}}{1}
176 {5}{{{\color{numbDelete}5}}}{1}
177 {6}{{\color{numbDelete}6}}}{1}
178 {7}{{{\color{numbDelete}7}}}{1}
179 {8}{{{\color{numbDelete}8}}}{1}
180 {9}{{{\color{numbDelete}9}}}{1}
181 {:}{{{\color{punct}{:}}}}{1}
182 {,}{{\color{punct}{,}}}}{1}
183 {\f(\color{delimDelete}{\f(\c)}}{1}
184 {\}{{\color{delimDelete}{\}}}{1}
```

```
185 {[}{{\color{delimDelete}{[}}}}{1}
                     186 {]}{{{\color{delimDelete}{]}}}}{1},
                     187 }
                     188 \mdfdefinestyle{mystyle}{
                     189 linecolor=\methodBorderColor,
                     190\ {\tt backgroundcolor=\mbox{\tt methodLightColor}},
                     191 skipabove=0pt,
                     192 linewidth=1.5pt,
                     193 skipbelow=Opt,
                     194 \; \mathtt{innertopmargin=0pt},
                     195 innerbottommargin=-3pt,
                     196 innerrightmargin=Opt,
                     197 innerleftmargin=Opt,
                     198 leftmargin=Opt,
                     199 rightmargin=Opt,
                     200 \; {\tt nobreak=true}
                     201 }
  \routeBreakValue
                     202 \newcommand{\routeBreakValue}{true}
     \noBreakRoute
                     203 \verb|\newcommand{\noBreakRoute}|
                     204 {
                     205 \verb|\renewcommand{\routeBreakValue}{true}|
                     206 }
       \breakRoute
                     207 \verb|\newcommand{\breakRoute}|
                     209 \renewcommand{\routeBreakValue}{false}
                     210 }
      \methodColor
                     211 \newcommand{\methodColor}{getBlue}
 \methodLightColor
                     {\tt 212 \ \ lightColor} \{ \tt getLightBlue} \}
\methodBorderColor
                     213 \newcommand{\methodBorderColor}{getBlueBorder}
       \methodJson
                     214 \mbox{ }\mbox{methodJson}
```

```
216 \lstset{language=jsonGet,rulecolor=\color{\methodColor}}
                        217 }
                        218 \begin{comment}
                        219 \newcommand{\apiCorner}{notround}
                        220
                        221 \newcommand{\apiCornerRound}
                        222 {
                        223 \renewcommand{\apiCorner}{round}
                        224 }
                        225
                        226 \newcommand{\apiCornerNotRound}
                        228 \renewcommand{\apiCorner}{notround}
                        229 }
                        230 \end{comment}
apiRoute
                        231 \newenvironment{apiRoute}[3]
                        232 {
                        233 \mbox{method}{\#1}
                        234 \newcommand{\urlPath}{#2}
                        235 \newcommand{\routeDescription}{#3}
                        236
                        237 \ifthenelse{\equal{\method}{get}}
                        238 {
                        239 \renewcommand{\methodColor}{\getGetColor}
                        240 \renewcommand{\methodLightColor}{\getGetLightColor}
                        241 \renewcommand{\methodBorderColor}{\getGetBorderColor}
                        242 \renewcommand{\methodJson}
                        243 {
                        244 \verb|\colorlet{delimGet}{\mbox{}} 
                        245 \colorlet{numbGet}{delimGet}
                        246 \texttt{\language=jsonGet,rulecolor=\color{\methodColor}} \\
                        247 }
                        248 }
                        249 {}
                        251 \ifthenelse{\equal{\method}{post}}
                        252 {
                        253 \renewcommand{\methodColor}{\getPostColor}
                        254 \renewcommand{\methodLightColor}{\getPostLightColor}
                        255 \ensuremath{\verb| lensuremath| lensuremath{\verb| lensuremath| lensuremath{\ensuremath{ lensuremath| lensuremath{ lensuremath| lensuremath{ lensurema
                        256 \verb|\mathcolor]{methodJson}|
                        257 {
                        258 \colorlet{delimPost}{\methodColor}
                        259 \colorlet{numbPost}{delimPost}
                        260 \lstset{language=jsonPost,rulecolor=\color{\methodColor}}
                        261 }
                        262 }
```

```
263 {}
264
265 \ifthenelse{\equal{\method}{put}}
266 {
267 \renewcommand{\methodColor}{\getPutColor}
268 \renewcommand{\methodLightColor}{\getPutLightColor}
269 \verb|\renewcommand{\methodBorderColor}{\getPutBorderColor}|
270 \renewcommand{\methodJson}
271 {
272 \colorlet{delimPut}{\methodColor}
273 \colorlet{numbPut}{delimPut}
274 \lstset{language=jsonPut,rulecolor=\color{\methodColor}}
276 }
277 {}
278 \ifthenelse{\equal{\method}{delete}}
279 {
280 \renewcommand{\methodColor}{\getDeleteColor}
281 \ensuremath{\mbox{\mbox{$1$} \ensuremath{\mbox{\mbox{$1$} \ensuremath{\mbox{$2$} \ensuremath{\mbox{$1$} \ensuremath{\mbox{$1$} \ensuremath{\mbox{$2$} \ensuremath{\mbox{$1$} \ens
282 \renewcommand{\methodBorderColor}{\getDeleteBorderColor}
283 \renewcommand{\methodJson}
285 \colorlet{delimDelete}{\methodColor}
286 \colorlet{numbDelete}{delimDelete}
287 \lstset{language=jsonDelete,rulecolor=\color{\methodColor}}
288 }
289 }
290 {}
291
292 \ifthenelse{\equal{\routeDescription}{}}
293 €
294 \newcommand{\printDescription}{}
295 }
296 {
297 \newcommand{\printDescription}
299 \rowcolor{\methodLightColor}
300 & \textit{\routeDescription} \\
301 }
302
303 }
304
305
306 \begingroup
307 \setlength{\parindent}{0em}
308 \begin{mdframed}[style=mystyle,nobreak=\routeBreakValue]
309 \begin{tabularx}{\textwidth}{p{1.6cm} X}
310 \rowcolor{\methodLightColor}
311
312 \cellcolor{\methodColor}
```

```
313 \centering
                                                       314 \text{\textcolor{white}{\text{\textbf{\textsc{\method}}}}
                                                       315 & \textbf{\urlPath} \\
                                                       316
                                                       317 \printDescription
                                                       318
                                                       319 \rowcolor{\methodLightColor} & \\
                                                       320 \end{tabularx}
                                                       321 }
                                                       322 {
                                                       323 \end{mdframed}
                                                       324 \setminus endgroup
                                                       325 }
      routeRequest
                                                       326 \newenvironment{routeRequest}[1]
                                                       327 {
                                                       328 \verb| \arrayrulecolor{\methodColor}|
                                                       329
                                                       330 \begin{tabularx}{\textwidth}{X 1}
                                                       331 \rowcolor{\methodLightColor!20}
                                                       332 \text{ } \text{ #1 } \text{ } \text{hline}
                                                       333 \end{tabularx}
                                                       334 \vspace{1ex}
                                                       335 }
                                                       336 {
                                                       337 \bigskip
                                                       338 }
                                                       340 {
                                                       341 \mbox{ \mbox{\mbox{$\mbox{$m$ethodJson}}}
                                                       342 }
                                                       343 {}
routeParameter
                                                       344 \newenvironment{routeParameter}
                                                       345 {
                                                       346 \newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{\newcommand{
                                                       347 {
                                                       348 \color{\mathbf \ \ } \ ##1 & ##2 \\
                                                       350 \newcommand{\noRouteParamter}[1]
                                                       352 \small{\text{\#1}}
                                                       353 }
                                                       354 \text{ \sc } -0.61em
                                                       356 \verb|\arrayrulecolor{\methodColor}|
```

```
358 \begin{tabularx}{\textwidth}{X}
                   359 \rowcolor{\methodLightColor!20}
                   360 \textbf{Parameter} \\ \hline
                   361 \end{tabularx}
                   362
                   363 \tabularx{\text{x}} \
                   364 }
                   366 \endtabularx
                   367 }
    routeResponse
                   368 \newenvironment{routeResponse}[1]
                   369 {
                   370 \newcommand{\noRouteResponse}[1]
                   371 {
                   372 \begin{tabularx}{\textwidth}{X}
                   373 \rowcolor{\methodLightColor}
                   374 \small{\textit{##1}} \\
                   375 \end{tabularx}
                   376 }
                   377
                   378 \verb| \arrayrulecolor{\methodColor}|
                   379 \begin{tabularx}{\textbf{X 1}}
                   380 \verb| rowcolor{\methodLightColor!20}|
                   381 \textbf{Response} & #1 \\ \hline
                   382 \end{tabularx}
                   383 }
                   384 {}
{\tt routeResponseItem}
                   385 \newenvironment{routeResponseItem}[2]
                   387 \begin{tabularx}{\textwidth}{1 X}
                   388 \textbf{#1} & #2 \\
                   389 \end{tabularx}
                   390 }
                   391 {
                   392 \medskip
                   393 }
                   394 \verb|\lambda| lstnewenvironment{routeResponseItemBody}|
                   395 {
                   396 \vspace{-1.4em}
                   397 \methodJson
                   398 }
                   399 {}
                   400 \endinput
```

End of file 'rest-api.sty'.

### Index

Numbers written in italic refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in roman refer to the code lines where the entry is used.

```
\subitem *+\apt1CohrheBt;d21@9lQ23, 22%sumbBtenneRt\genbeleteBdxshkriCohrr*+\nuksagzef&
apiCorner=
apiCornerNotRound=
                                                          \subattlemle*te(\aphiCorner\stBottand+*+2g6tDeleteColor+, \usage{5}, \main{35},
                                                  \subitent Bekapicghried Round+, \Q21 patendent\get Delsateitight &bloar indensage (307,
apiCornerRound=
                                                                 getGetBorderColor =
                                                                                                                         \subpitient DeskgiptifientBorder\@aibairtem \vus\appeifatDes\mai
apiRoute=apiRoute
                (environ-
                                                                 getGetColor =
                                                                                                           \subitem *P\geitlesPCokage=\usagenbiltem\man\pfibilidelPac
               ment),
                                                                 getGetLightColor =
                                                                                                                      \subitem *+\getGetLightColor+, \usage{4}, \main-
                                             \subitem getRastByrddsCokor≠, 32%subbbew8₩AygetRbstBordenBoten+*+\neagu€4hmahn
arrayrulecolor=
                                                                 {\tt getPostColor}{=}
                                                                                                            \subitem *+\getP256tColor+,280ts2664}, \main{23}, 42
                          \subitem *+\begiatP&1&ig1608olo309, 33Qou16160m372Fg&78gos&97ght(colloirtem \nus\Agan(u));ePandi
begin=
begingroup=
                                       \subitem *+\degingseWerCoBA6
                                                                                                                         \subiction Break Act Plate Border Collor tom \ws\ngo(td) Break
                              \subitem *+\bigskpptco337=
bigskip=
                                                                                                           \subitem *r\getDestGiphiorn= \usagenHiltem\man\pr\2000elecr:
                                       \subitem *toppeakRepht@slor\usage\subitemier 286720thitightCeparametusage{5}, \main-
breakRoute=
                                                                                                                                                    (environ-
                                \subitem *+\c<u>\hi\col</u>or+,\318item *+\hline+, 332ne360, 384
cellcolor=
                        centering=
color=
                123,
                            130, 136-
                                                                                                                     \subitem *+\\(\text{(environ-language+, 48, 83, 118, 153}\)
\text{ment). 5. 326. 226. 224.
                151,
                                 154 - 158,
                                                                 lstdefinelanguage=
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