The rest-api package

Dennis Klein dennis94.kl@gmail.com

v1.3 from 2020/06/23

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}
                \noRouteParameter{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

```
\begin{apiRoute}{get}{/api/storage/}{}
    \begin{routeParameter}
    \noRouteParameter{no parameter}
    \end{routeParameter}
    \begin{routeResponse}{application/json}
    \noRouteResponse{no response}
    \end{routeResponse}
    \end{apiRoute}
```

POST Request

```
\begin{apiRoute}{post}{/api/storage/}{create a new storage} \begin{routeParameter} \noRouteParameter{no parameter} \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 \noRouteParameter.

\routeParamItem Describe a parameter with name and describtion.

\noRouteParameter 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.

ethodborderColor Return the border color of the current foute

\methodJson Set the with

lstset color scheme for the listings of the current route.

3 Implementation

this is my first package

(c) Dennis Klein

This program can be redistributed and/or modified under the terms of the LaTeX Project Public License Distributed from CTAN archives in directory macros/latex/base/lppl.txt.

- 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 \global\let\saved@CT@arc@\CT@arc@
                        234 \mbox{ } \mbox{method}{\#1}
                        235 \newcommand{\urlPath}{#2}
                        236 \mbox{ } \mbox{newcommand{\couteDescription}{#3}}
                        238 \ifthenelse{\equal{\method}{get}}
                        240 \renewcommand{\methodColor}{\getGetColor}
                        241 \renewcommand{\methodLightColor}{\getGetLightColor}
                        242 \renewcommand{\methodBorderColor}{\getGetBorderColor}
                        243 \renewcommand{\methodJson}
                        244 {
                        245 \colorlet{delimGet}{\methodColor}
                        246 \colorlet{numbGet}{delimGet}
                        247 \lstset{language=jsonGet,rulecolor=\color{\methodColor}}
                        248 }
                        249 }
                        250 {}
                        252 \ifthenelse{\equal{\method}{post}}
                        254 \verb|\modColor|{\modColor}{\modColor}|
                        255 \verb|\mathcolor|{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor}{\mathcolor
                        256 \label{lem:command} $$ \endown{\color}{\color} {\color} $$
                        257 \renewcommand{\methodJson}
                        258 {
                        259 \colorlet{delimPost}{\methodColor}
                        260 \colorlet{numbPost}{delimPost}
                        261 \lstset{language=jsonPost,rulecolor=\color{\methodColor}}
                        262 }
```

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

```
313 \cellcolor{\methodColor}
                314 \centering
                315 \textcolor{white}{\textbf{\textsc{\method}}}
                316 & \textbf{\urlPath} \\
                317
                318 \printDescription
                319
                320 \mbox{\mbox{\mbox{$\sim$}}} \ \& \ \
                321 \end{tabularx}
                322 }
                323 {
                324 \end{mdframed}
                325 \endgroup
                326 \global\let\CT@arc@\saved@CT@arc@
                327 }
  routeRequest
                328 \text{ } \text{newenvironment{routeRequest}[1]}
                329 {
                330 \arrayrulecolor{\methodColor}
                332 \begin{tabularx}{\textwidth}{X 1}
                333 \rowcolor{\methodLightColor!20}
                335 \end{tabularx}
                336 \vspace{1ex}
                337 }
                338 {
                340 }
                341 \ \text{lstnewenvironment{routeRequestBody}}
                342 {
                343 \methodJson
                344 }
                345 {}
routeParameter
                346 \ \verb|\newenvironment{routeParameter}|
                347 {
                348 \newcommand{\routeParamItem}[2]
                349 {
                350 \rowcolor{\methodLightColor} ##1 & ##2 \\
                352 \newcommand{\noRouteParameter}[1]
                353 {
                354 \small{\text{\#1}}
                355 }
                356 \%\vspace{-0.61em}
```

```
357
                     358 \arrayrulecolor{\methodColor}
                     360 \begin{tabularx}{\textwidth}{X}
                     361 \rowcolor{\methodLightColor!20}
                     362 \textbf{Parameter} \\ \hline
                     363 \end{tabularx}
                     364
                     365 \text{tabularx}{\text{x}}{1 X}
                     366 }
                     367 {
                     368 \endtabularx
                     369 }
    routeResponse
                     370 \newenvironment{routeResponse}[1]
                     371 {
                     372 \newcommand{\noRouteResponse}[1]
                     373 {
                     374 \begin{tabularx}{\textwidth}{X}
                     375 \rowcolor{\methodLightColor}
                     376 \small{\textit{##1}} \\
                     377 \end{tabularx}
                     378 }
                     379
                     380 \arrayrulecolor{\methodColor}
                     381 \ensuremath{\mbox{\mbox{\mbox{$1$}}}}{\mbox{\mbox{\mbox{\mbox{\mbox{$1$}}}}} \label{fig:1}}
                     382 \verb|\rowcolor{\methodLightColor!20}|
                     383 \textbf{Response} & #1 \\ \hline
                     384 \end{tabularx}
                     385 }
                     386 {}
routeResponseItem
                     387 \newenvironment{routeResponseItem}[2]
                     389 \begin{tabularx}{\textwidth}{1 X}
                     390 \text{ } \text{textbf} \text{#1} & \text{#2 } \text{\ }
                     391 \end{tabularx}
                     392 }
                     393 {
                     394 \mbox{ }\mbox{medskip}
                     395 }
                     396 \lstnewenvironment{routeResponseItemBody}
                     398 \vspace{-1.4em}
                     399 \methodJson
```

```
400 }
401 {}
402 \endinput
End of file 'rest-api.sty'.
```