stmcolors package description

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These are the color definitions for `stmlatex`. It is build upon the xcolor package.

Contents

1. Color definitions

```
backgroundcolor
boxgraycolor
sketchgraycolor
verbgraycolor
codecommentgraycolor
cadmiumgreencolor
stmmarkupcolor
```

A. The code

A.1. stmcolors.sty

```
 1  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
 2  % Header                          %
 3  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
 4  %
 5  % This file includes color definitions
 6  % Based upon the xcolor package:
 7  %   https://ctan.org/pkg/xcolor
 8  %
 9  % Usage
10  %  - Preamble:
11  %    - \usepackage{stmcolors}
12  %
13  % Revisions: 2019-10-27 Martin Raedel <martin.raedel@dlr.de>
14  %                       Initial draft
15  %
16  % Contact:   Martin Raedel,  martin.raedel@dlr.de
17  %            DLR Lightweight Systems
18  %
19  %                              __/|__
20  %                             /_/_/_/
21  %            www.dlr.de/sy/en      |/ DLR
22  %
23  % Copyright (C) 2019-... DLR Lightweight Systems
24  %
25  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
26  % Content                         %
27  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
28
29  % Declare that this style file requires at least LaTeX version 2e.
30  \NeedsTeXFormat{LaTeX2e}
31
32  % Provide the name of your page, the date it was last updated, and a
         comment about what it's used for
33  \ProvidesPackage{stmcolors}[2023/02/12 STMs custom LaTeX color
         definitions]
34
35  % -------------------------
36  % Options
37  % -------------------------
38
```

```
39  % For options
40  \@ifpackageloaded{kvoptions}{}{\RequirePackage{kvoptions}}%
41
42  % Option group
43  \SetupKeyvalOptions{%
44    family=stmcolors,%
45    prefix=stmcolors@,%
46    setkeys=\kvsetkeys,%
47  }
48
49  % Items
50  \DeclareBoolOption[true]{items}
51
52  % Process options
53  \ProcessKeyvalOptions{stmcolors}
54
55  % -------------------------
56  % Modules
57  % -------------------------
58
59  % Load the base package
60  \@ifpackageloaded{stmcolorsbase}{}{%
61    \RequirePackage{stmcolorsbase}%
62  }%
63
64  % Load the items
65  \ifstmcolors@items
66    \@ifpackageloaded{stmcolorsitems}{}{%
67      \RequirePackage{stmcolorsitems}%
68    }%
69  \fi
70
71  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
72  % That's it                      %
73  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
74
75  % Finally, we'll use \endinput to indicate that LaTeX can stop reading
        this file. LaTeX will ignore anything after this line.
76  \endinput
```

A.2. `stmcolorsbase.sty`

```
1  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2  % Header                         %
```

```
3  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
4  %
5  % This file includes color definitions
6  % Based upon the xcolor package:
7  %   https://ctan.org/pkg/xcolor
8  %
9  % Usage
10  %  - Preamble:
11  %    - \usepackage{stmcolorsbase}
12  %
13  % Revisions: 2019-10-27 Martin Raedel <martin.raedel@dlr.de>
14  %                       Initial draft
15  %
16  % Contact:   Martin Raedel,  martin.raedel@dlr.de
17  %            DLR Lightweight Systems
18  %
19  %                                __/|__
20  %                               /_/_/_/
21  %            www.dlr.de/sy/en      |/ DLR
22  %
23  % Copyright (C) 2019-... DLR Lightweight Systems
24  %
25  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
26  % Content                            %
27  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
28
29  % Declare that this style file requires at least LaTeX version 2e.
30  \NeedsTeXFormat{LaTeX2e}
31
32  % Provide the name of your page, the date it was last updated, and a
        comment about what it's used for
33  \ProvidesPackage{stmcolorsbase}[2023/02/12 STMs custom LaTeX color
        definitions]
34
35  % -------------------------
36  % Package
37  % -------------------------
38
39  \@ifpackageloaded{xcolor}{}{%
40    \RequirePackage{xcolor}
41  }%
42
43  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
44  % That's it                          %
```

4

```
45  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
46
47  % Finally, we'll use \endinput to indicate that LaTeX can stop reading
       this file. LaTeX will ignore anything after this line.
48  \endinput
```

A.3. stmcolorsitems.sty

```
 1  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
 2  % Header                          %
 3  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
 4  %
 5  % This file includes color definitions
 6  % Based upon the xcolor package:
 7  %   https://ctan.org/pkg/xcolor
 8  %
 9  % Usage
10  %  - Preamble:
11  %     - \usepackage{stmcolorsitems}
12  %
13  % Revisions: 2019-10-27 Martin Raedel <martin.raedel@dlr.de>
14  %                       Initial draft
15  %
16  % Contact:   Martin Raedel,  martin.raedel@dlr.de
17  %            DLR Lightweight Systems
18  %
19  %                                __/|__
20  %                               /_/_/_/
21  %            www.dlr.de/sy/en       |/ DLR
22  %
23  % Copyright (C) 2019-... DLR Lightweight Systems
24  %
25  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
26  % Content                         %
27  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
28
29  % Declare that this style file requires at least LaTeX version 2e.
30  \NeedsTeXFormat{LaTeX2e}
31
32  % Provide the name of your page, the date it was last updated, and a
       comment about what it's used for
33  \ProvidesPackage{stmcolorsitems}[2023/02/12 STMs custom LaTeX color
       definitions]
34
```

```latex
35  % --------------------------
36  % Package
37  % --------------------------
38
39  \@ifpackageloaded{stmunitsbase}{}{\RequirePackage{stmunitsbase}}%
40
41  % --------------------------
42  % Colors
43  % --------------------------
44
45  \definecolor{backgroundcolor}{RGB}{255,255,255}
46
47  \definecolor{boxgraycolor}{RGB}{240,240,240}
48
49  \definecolor{sketchgraycolor}{RGB}{220,220,220}
50
51  \definecolor{nofocustextgraycolor}{RGB}{180,180,180}
52
53  \definecolor{verbgraycolor}{gray}{0.9}
54  \definecolor{codecommentgraycolor}{gray}{0.5}
55
56  \definecolor{cadmiumgreencolor}{rgb}{0.0, 0.42, 0.24}
57
58  \definecolor{stmmarkupcolor}{rgb}{1.0, 0.0, 0.0} % red
59
60  \definecolor{hyperrefstmtylelinkcolor}{gray}{0}
61  \definecolor{hyperrefstmtylecitecolor}{gray}{0}
62  \definecolor{hyperrefstmtyleurlcolor}{RGB}{0,0,255}
63
64  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
65  % That's it                    %
66  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
67
68  % Finally, we'll use \endinput to indicate that LaTeX can stop reading
       this file. LaTeX will ignore anything after this line.
69  \endinput
```