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  %  - Premble:
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 Composite Structures and Adaptive Systems
18  %
19  %                              __/|__
20  %                             /_/_/_/
21  %          www.dlr.de/fa/en       |/ DLR
22  %
23  % Copyright (C) 2019-... DLR Composite Structures and
24  %    Adaptive 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}[2019/10/27 STMs custom LaTeX
       color definitions]
34
35  % --------------------------
36  % Options
```

```latex
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 %  - Premble:
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 Composite Structures and Adaptive Systems
18 %
19 %                              __/|__
20 %                             /_/_/_/
21 %            www.dlr.de/fa/en      |/ DLR
22 %
23 % Copyright (C) 2019-... DLR Composite Structures and
24    Adaptive 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}[2019/10/27 STMs custom LaTeX
      color definitions]
34
35 % -------------------------
36 % Package
37 % -------------------------
38
```

4

```
39  \@ifpackageloaded{xcolor}{}{%
40    \RequirePackage{xcolor}
41  }%
42
43  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
44  % That's it                     %
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  %  - Premble:
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 Composite Structures and Adaptive Systems
18  %
19  %                                  __/|__
20  %                                 /_/_/_/
21  %            www.dlr.de/fa/en       |/ DLR
22  %
23  % Copyright (C) 2019-... DLR Composite Structures and
        Adaptive 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}[2019/10/27 STMs custom LaTeX
        color definitions]
34
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{verbgraycolor}{gray}{0.9}
52  \definecolor{codecommentgraycolor}{gray}{0.5}
53
54  \definecolor{cadmiumgreencolor}{rgb}{0.0, 0.42, 0.24}
55
56  \definecolor{stmmarkupcolor}{rgb}{1.0, 0.0, 0.0} % red
57
58  \definecolor{hyperrefstmtylelinkcolor}{gray}{0}
59  \definecolor{hyperrefstmtylecitecolor}{gray}{0}
60  \definecolor{hyperrefstmtyleurlcolor}{RGB}{0,0,255}
61
62  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
63  % That's it                                    %
64  %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
65
66  % Finally, we'll use \endinput to indicate that LaTeX can
        stop reading this file. LaTeX will ignore anything after
        this line.
```

```
67  \endinput
```