The `classified` package

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1 Usage

Load the package via `\usepackage{classified}`. Set up your classification scheme by `\classificationclass{<class>}{<level1>=<action1>, <level 2>=<action2>, ...}`. Class could be e.g. `NATO` or `DLR`. Levels have to be declared in descending order of confidentiality. Use the `\classifiedremark {<text>}` macro to insert `<text>` on the top and bottom of the current page. If you wish a different placement of the remarks, you can use e.g. `<level>=\ AddToShipoutPictureFG*{\AtPageTop{<remark>}}`. This will place a remark only at the top of the page. Similarly, there are the commands `\AtPageBottom`, `\AtPageLeft` and `\AtPageRight`.

There are some predefined classification schemes: `default` with classification levels `none`, `restricted`, `confidential`, `secret` and `topsecret`. And `publication` with the levels `none`, `final`, `paper`, `submitted` and `draft`.

You can define the document to be classified by `\documentclassified[< options>]`. `<options>` are `key=value` pairs for `class` and `level`. The default class is `default`. The default level is the lowest classification level declared for the given class. This command executes the `<action>` macros defined for the selected level in each page. If the `\documentclassified` command is not issued, the document classification defaults to `none`.

Individual text passages can be marked classifed by `\classified[<options >]{<text>}`. The options are the same as for the `\documentclassified` macro. This macro only executes the `<action>` macro on the current page, if the classification level of `<text>` is higher than the document classification.

A clearance level for the document can be set by `\documentclearance[< options>]`. The `<options>` are again the same as for the previous two commands. This command suppresses the output of the `\classfied` commands's `<text>` arguments. Only classified text with a level lower or equal to the document clearance will be displayed. Any other text will be replaced by a remark, that text has been suppressed. If no `\documentclearance` command is issued, the document clearance defaults to `none`.

All the above commands work separately for each classification class. In this way, you can e.g. globally insert `publication` remarks and only mark selected sections with `default` classification.

2   Example

This document has been produced with the following preamble:

```
% Use classified package
\usepackage{xcolor}
\usepackage{classified}

% Define class one classification scheme
\classificationclass{classone}{
  one=\classifiedremark{\colorbox{white}{
                        Level One Classification}},
  two=\classifiedremark{\colorbox{red}  {
                        Classification Level Two}}}

% Define class two classification scheme
\classificationclass{classtwo}{
  one={{\color{red} (Classified!)       }},
  two={{\color{red} (More Classified!) }}}

% Set base classification and clearance
\documentclassified[class=classone]
\documentclearance [class=classone, level=two]
\documentclearance [class=classtwo, level=one]
```

If you want to additionally mark selected <text> passages, you can use something like the following:

```
\begin{itemize}
  \item ClassOne-LevelTwo:
        \classified[class=classone, level=two]{<text>}
  \item ClassTwo-LevelOne:
        \classified[class=classtwo, level=one]{<text>}
  \item ClassTwo-LevelTwo:
        \classified[class=classtwo, level=two]{<text>}
\end{itemize}
```

This yields the following result. Note the changed markings for ClassOne-LevelTwo on the page borders. Also note the marked ClassTwo-LevelOne <text> and the removed <text> for ClassTwo-LevelTwo.

- ClassOne-LevelTwo: <text>

- ClassTwo-LevelOne: <text>(Classified!)

- ClassTwo-LevelTwo: « CLASSIFIED INFORMATION REMOVED »

3 List of versions

Ver.	Date	Comment	Author
0.1	2012-04-27	Initial version of the document	kloe_ad