The `todonotes` package∗

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November 24, 2012

Abstract

The `todonotes` package allows you to insert to-do items in your document. At any point in the document a list of all the inserted to-do items can be listed with the \texttt{listoftodos} command.

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∗This document corresponds to `todonotes`.dtx, dated 2012/07/25.
1 Introduction

The todonotes package makes three commands available to the user: \todo{}, \missingfigure{} and \listoftodos. \todo{} and \missingfigure{} makes it possible to insert notes in your document about things that has to be done later (todonotes . . . ). I developed the basic functionality of the package while I worked on my bachelor project.

Some alternatives for the todonotes package are:

- easy-todo
- fixme

1.1 Usage

\todo My most common usage of the todonotes package, is to insert an todonotes somewhere in a latex document. An example of this usage is the command \todo{Make a cake . . .}, which renders like. The \todo command has this structure: \todo[⟨options⟩]{⟨todo text⟩}. The todo text is the text that will be shown in the todonote and in the list of todos. The optional argument options, allows the user to customize the appearance of the inserted todonotes. For a description of all the options see section 1.3.

\missingfigure The \missingfigure command inserts an image containing an attention sign and the given text. The command takes only one argument \missingfigure{⟨text⟩}, a text string that could describe what the figure should consist of. An example of its usage could be \missingfigure{Make a sketch of the structure of a trebuchet.} which renders like.

\listoftodos The \listoftodos command inserts a list of all the todos in the current document. \listoftodos takes no arguments. For this document the list of to–do’s looks like.

Todo list

- Make a cake . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
\texttt{\textbackslash todotoc} The \texttt{\textbackslash todotoc} command adds an entry to the table of contents for list of todos. The command should be placed right before the \texttt{\textbackslash listoftodos} command.

\section*{1.2 Package options}

\texttt{disable} If the option \texttt{disable} is passed to the package, the macros usually defined by the package (~\texttt{\textbackslash todo}, \texttt{\textbackslash listoftodos} and \texttt{\textbackslash missingfigure}) are defined as macros with no effect, and thus all inserted notes are removed.

\texttt{obeyDraft, obeyFinal} When the option \texttt{obeyDraft} is given, the package checks if the one of the options \texttt{draft}, \texttt{draftcls} or \texttt{draftclsnofoot} is given (this option is usually given
to the documentclass). If the draft option is given, the functionality of the package is enabled and otherwise the effect of the package is disabled. The option obeyFinal does something similar, except that the todonotes package is only disabled if the final option given.

Use translations of the text strings "List of todos" and "Missing figure". The default is to use none of these options, which results in english text strings. Currently the following languages are supported: catalan, danish, dutch, french, german, ngerman, italian, portuguese and spanish.

Adds a small colored square in front of all items in the Todo list. The color of the square is the same as the fill color of the inserted todonote. This can be useful if there are different types of todos (insert reference, explain in detail, ...) where the color of the inserted todonote marks the type of todo.

color
These options set the default colors for the todo command. There is three colors that can be specified. The border color (default bordercolor=black) around the inserted text, the color behind the inserted text (default backgroundcolor=orange) and the color of the line connecting the inserted textbox with the current location in the text (default linecolor=orange). Setting the color option to val passes this value on to the background and line color options. The specified colors must be valid according to the xcolor package.

textwidth
The width of a todo item in the margin is specified by the textwidth option. The width of inline todonotes will allways be the same as the current line width.

textsize
The textsize option sets the default text size of the inserted todonotes to the given value. Value is the "name" of the used font size, eg. if the desired fontsize is \tiny use textsize=tiny. The default value is textsize=normalsize.

prependcaption
The prependcaption option triggers a special behaviour of the caption=val option for the todo command, where the given value val is inserted in the inserted todonote.

shadow
If the shadow option is given, the inserted todonotes will be displayed with a gray shadow. I expect that the option will trigger problems with tikz versions prior to 2.0.

dvistyle
When a document with todonotes is compiled with plain latex (to a dvi-file), there is an issue with the visual appearance. The option dvistyle changes the appearance of the inserted todonotes to avoid this problem.

figwidth
The figwidth=length option sets the default width of the figure inserted by the \missingfigure command. The default value is \columnwidth.

1.3 Options for the todo command

There are several options that can be given to the \todo command. All the options are described here and often I have included examples of the change in visual appearance.

disable
The disable option can be given directly to the todo command. If given the command has no effect.

color
These options set the color that is used in the current todo command. The
color classes is the same as used in the color package options, see section 1.2. Default values can be set by the color options when the todonotes package is loaded. The todo notes inserted in this paragraph is created with the command \todo[color=green!40]{And a green note}. The color of the inserted note could be used to mark different types of tasks (insert references, explain something in detail, ...), this could be streamlined by defining new commands like below.

\newcommand{\insertref}{\todo[color=green!40]{#1}}
\newcommand{\explainindetail}{\todo[color=red!40]{#1}}

An example that uses all of the color options is given below.
\todo[linecolor=green!70!white, backgroundcolor=blue!20!white, bordercolor=red]{Anything but default colors}.

If you want to get rid of the line connecting the inserted note with the place in the text where the note occurs in the latex code, the option noline can be used. \todo[noline]{A note with no line ...}

It is possible to place a todonote inside the text instead of placing it in the margin, this could be desirable if the text in the note has a considerable length. \todo[inline]{A todonote placed in the text}

Another usage for the inline option is when you want to add a todonote to a figure caption.
\begin{wrapfigure}{r}[20mm]{40mm}
\begin{tikzpicture}
\draw[red] (0, 0) circle(0.45);
\draw[green] (1, 0) circle(0.45);
\draw[blue] (2, 0) circle(0.45);
\end{tikzpicture}
\caption{A text explaining the image. \todo[inline]{Fill those circles ...}}
\end{wrapfigure}

size=size=val changes the size of the text inside the todonote. The commands used to create the notes below are \todo[size=\Large]{A note with a large font size.} and \todo[size=\tiny]{Note with very small font size.}.

When the option nolist is given, the todo item will not appear in the list of todos. The caption option enables the user to specify a short description of the...
A very long and tedious note that cannot be on one line in the list of todos.

\todo[caption={Short note}]{A very long and tedious note that cannot be on one line in the list of todos.}

The effect of this option is altered with the package option `prependcaption` or the `prepend / noprepend` option for the todo command.

The options `prepend` and `noprepend` can be used for setting whether a given caption should be prepended to the todonote or not. Globally this can be set using the `prependcaption` option for the package. Below is the effect of the option shown using the code:

\todo[prepend, caption={Short note with prepend}]{A very long and tedious note that cannot be on one line in the list of todos.}
\todo[noprepend, caption={Short note with noprepend}]{A very long and tedious note that cannot be on one line in the list of todos.}

The `fancyline` option inserts a curved arrow, pointing from the inserted note to the insertion point. The option is used like this:

\todo[fancyline]{Testing.}

The `author` option takes a parameter, the name of the author. The given name is inserted in the todonote.

\todo[author=Xavier]{Testing author option.}
\todo[author=Xavier, inline]{Testing author option.}

1.4 Options for the `missingfigure` command

The `figwidth` option sets the width of the figure inserted by the `missingfigure` command. Length values below 6cm might trigger some problems with the visual appearance. Try to compare the default of the missing figure command, when the option is given or not.

\missingfigure[figwidth=6cm]{Testing a long text string}
\missingfigure{Testing a long text string}

Another usage of the option is when \缺失figure is used in the wrapfigure environment.

\begin{wrapfigure}{r}[2cm]{6cm}
\missingfigure[figwidth=6cm]{Add a test image \ldots}
\end{wrapfigure}

\textbf{figheight} The \textit{figheight=\texttt{length}} option changes the height of the inserted missing figure. The default height is 4cm and using values lower than this might cause the warning sign to pop out of the gray area.

\missingfigure[figheight=6cm]{Testing a long text string}
1.5 Options for the listoftodos command

The \texttt{listoftodos} command takes one optional argument, that defines the name of the inserted list of todos.

\texttt{listoftodos[I can be called anything]}

1.6 Known issues

1.6.1 Package loading order

The todonotes package requires the following packages.

- \texttt{ifthen}
- \texttt{tikz}
- \texttt{xkeyval}
- \texttt{calc}
- \texttt{xcolor}
- \texttt{graphicx} (is loaded via the \texttt{tikz} package)

When todonotes are loaded in the preamble, the package checks if these packages all are loaded. If that is not the case it loads the missing packages with no options given. If you want to give some specific options to some of these packages, you have to load them \texttt{before} the todonotes package, otherwise you will get an "Option clash" error when \texttt{latex} works on the document.

If both the menukeys and the xcolor (with the option \texttt{table}) package should be loaded, the following order must be used.

\texttt{\usepackage[table]{xcolor}}
\texttt{\usepackage{todonotes}}
\texttt{\usepackage{menukeys}}

1.6.2 Wrapping of long lines in list of todos

When a document is compiled with \texttt{latex} (and not pdflatex) long items in the list of todos are not wrapped into several lines, and do instead continue to the right out of the page.

1.6.3 Conflicts with the amsart documentclass

The \texttt{amsart} document class redefines some internal commands that is used by the todonotes package, this will cause an malfunctioning \texttt{listoftodos} command. The following code to circumvent the problem was given by Dan Luecking on comp.text.tex

\texttt{\makeatletter}
\texttt{\providecommand\@dotsep{5}}
Dominique suggests the following workaround.

\begin{verbatim}
\providecommand\@dotsep{5}
def\listtodoname{List of Todos}
def\listoftodos\@starttoc{tdo}\listtodoname
\end{verbatim}

1.6.4 Unknown option ”remember picture”

If \LaTeX{} throws the error

Package tikz Error: I do not know what to do with the option ‘‘remember picture’’.

It probably means that your \LaTeX{} installation is outdated, as only newer versions of \LaTeX{} driver for tikz supports the \texttt{remember picture} option. For additional info consult ”Section 9.2.2 Producing PDF Output” in the tikz manual. http://www.ctan.org/tex-archive/graphics/pgf/base/doc/generic/pgf/pgfmanual.pdf

1.6.5 Todonotes wrongly placed in the margin

When using some document classes or packages, the todonotes inserted in the page margin can be placed quite oddly. This is often caused by a wrong value of the \texttt{\marginparwidth} length. Try using the code below in your preamble to see if this cures the problem.

\begin{verbatim}
\setlength{\marginparwidth}{2cm}
\end{verbatim}

If the todonotes are inserted in the wrong margin, the solution is the \texttt{\reversemarginpar} command. When this command is issued the following marginpars (which todonotes relies on) is inserted in the other margin.

1.6.6 Reduce number of warnings

If the width of the inserted todonotes is forced to be larger than the available space in the margin, a lot of warnings are issued. This can be reduced with the following code.

\begin{verbatim}
\usepackage[textwidth=3.7cm]{todonotes}
\setlength{\marginparwidth}{3.7cm}
\end{verbatim}
1.6.7 Todonotes in footnotes

Placing todonotes in footnotes throws a lot of errors. Richard Stanton comes with the following work around.

\renewcommand{\marginpar}{\marginnote}

1.6.8 List of todo heading is not correctly formatted

If using natbib, the todonotes list title gets screwed up unless you do something like this:

\makeatletter\let\chapter\@undefined\makeatother

Suggestion by Richard Stanton.

1.6.9 Trouble with classicthesis.sty

Problem description on tex.stackexchange.com.

Solution by Stefan Kottwitz. The problem is caused by the redefinition of \marginpar in classicthesis.sty. \marginpar is used by todonotes. It can be fixed by restoring the original meaning, if you don’t need the classicthesis marginpar style. Just add this to your document preamble: \let\marginpar\oldmarginpar

1.7 Things to improve

This is a list of things I consider to improve sometime in the future. It have not been done yet as I lack the time or skills to implement them. Patches with implementations of these tasks will be appreciated and might be included in the package if it will improve the package quality.

1.7.1 Owner information

Option for the todo command.

\todo[owner=\{Fabrice\}]{Stuff}

Add info on who ”owns” the current todo. Idea: Fabrice Niessen

1.7.2 Due date

Option for the todo command.

\todo[\{due=2008-12-07\}]{Stuff}

Add info on when the current todo is due. Might be enhanced by a time line of the todos that have a due date assigned. Idea: Fabrice Niessen
1.7.3 Mark accomplished todos
\todo[done]{Stuff}

Idea: Fabrice Niessen

1.8 Usage methods
In this section I have collected some different methods to use the todonotes package.

1.8.1 Define new commands with fixed options
Often there is a need for marking different classes of things to do (add reference, rewrite, . . .). One way to do this, is to define some new commands as shown below (idea from Florent B.).

\newcommand{\addref}{\todo[color=red!40]{Add reference.}}
\newcommand{\rewrite}[1]{\todo[color=green!40]{#1}}

To distinguish between the different types of todos, the todonotes package can be loaded with the colorinlistoftodos option, which adds small colored squares to the list of todos.

\usepackage[colorinlistoftodos]{todonotes}

1.8.2 Define new commands with arbitrary default options
If you do not like the default values of the standard todo command, it is possible to define a new command with the similar functionality of \todo with custom default values.

\newcommand{\todoredefined}[2][2]{\todo[color=red, #1]{#2}}
\todoredefined{Test of newly defined command.}
\todoredefined[color=green]{Test of newly defined command, requesting a green color.}

This can be done with all the accepted options for the \todo command.
1.8.3 Enumerate todonotes

If the inserted todonotes should be enumerated, it is possible to define a new command with the desired behaviour.

\newcounter{todocounter}
\newcommand{\todonum}[2]{\stepcounter{todocounter}\todo[#1]{\thetodocounter: #2}}

The idea is to define a new counter \texttt{todocounter}, and insert the value of the counter in each todonote. The new command can be used like:

\todonum{A numbered todonote.}
\todonum{Another numbered todonote.}

1.8.4 Comments "a la Word"

Fabrice Niessen sent me the following use case. The idea is to define a new command \texttt{mycomment} which adds a counter and optionally the initials of the author to the inserted todonote.

\newcounter{mycomment}
\newcommand{\mycomment}[2]{% initials of the author (optional) + note in the margin
  \refstepcounter{mycomment}%
  \setstretch{0.7}% spacing
  \todo[color={red!100!green!33},size=\small]{%\textbf{Comment \uppercase{#1}\texttt{themycomment}:}~#2}%
  }%

The command \texttt{mycomment[HSM]{Testing first time.}} is displayed like shown in the left margin, and another call of the command is added below \texttt{mycomment[HSM]{Testing second time.}}.

1.8.5 Combination with the fixme package

Thomas Arildsen has mailed me this use case. Check the documentation for the \texttt{fixme} package, as the code below relies directly on it (the \texttt{\FDUser} command is augmented when \texttt{\begin{document}} is reached).

\usepackage[user,nomargin]{fixme}
\usepackage{todonotes}
\newcommand{\FXUser}[2]{\todo[inline,size=\small]{\textbf{\bfseries #1:} #2}}
1.8.6 Altering the line spacing of todonotes

The \texttt{setspace} package lets you alter the line spacing of smaller sections of your document. The primary construct is the \texttt{spacing} environment, which is demonstrated below.

\begin{spacing}{0.5}
Some lines with a decreased line spacing. This is accomplished using the setspace package that is included in standard latex distributions.
\end{spacing}

Some lines with a decreased line spacing. This is accomplished using the \texttt{setspace} package that is included in standard latex distributions.

Using the \texttt{spacing} environment we can define a new todonote command using the code below:

\begin{verbatim}
\newcommand{\smalltodo}[2][]
\begin{todo}[caption={#2}, #1]
\begin{spacing}{0.5}#2\end{spacing}
\end{todo}
\end{verbatim}

Todonotes with decreased line spacing can now be inserted as follows

\texttt{\smalltodo[size=\footnotesize]{Some lines with a decreased line spacing. This is accomplished using the setspace package that is included in standard latex distributions.}}

A different approach is given by Vitaly.

\begin{verbatim}
\newcommand{\tinytodo}[2][]
\begin{todo}[caption={#2}, size=\small, #1]\renewcommand{\baselinestretch}{0.5}\selectfont#2\par\end{todo}
\end{verbatim}

It looks like seen here.

\texttt{\tinytodo{Some lines with a decreased line spacing. This is accomplished without using any special packages.}}

1.8.7 Marking new / old sections

Sometimes a whole section has to be marked by some means. You might want to try the following.

\begin{verbatim}
\todo[inline, caption={Some text}]{
\begin{minipage}\linewidth
Some text that might differ from the text given to the caption option.
\end{minipage}}
\end{verbatim}
It is important to add the `caption={text}` option, otherwise LaTeX will try to embed a `minipage` in the table of contents which triggers an error. Inside the `minipage` environment almost anything could be placed, except for other `todo` commands.

To streamline use the following command was suggested by Stefan Pinnow.

\begin{minipage}{\textwidth-4pt}
\end{minipage}

This example renders like

\begin{minipage}{\textwidth-4pt}
Some text.
\begin{align}
\sin(\theta)^2 + \cos(\theta)^2 = 1
\end{align}
A formula and a list
\begin{itemize}
\item An item
\end{itemize}
\end{minipage}

\begin{minipage}{\textwidth-4pt}
Some text.
\begin{align}
\sin(\theta)^2 + \cos(\theta)^2 = 1
\end{align}
A formula and a list
\begin{itemize}
\item An item
\end{itemize}
\end{minipage}

\begin{minipage}{\textwidth-4pt}
Some text.
\begin{align}
\sin(\theta)^2 + \cos(\theta)^2 = 1
\end{align}
A formula and a list
\begin{itemize}
\item An item
\end{itemize}
\end{minipage}

\begin{minipage}{\textwidth-4pt}
Some text.
\begin{align}
\sin(\theta)^2 + \cos(\theta)^2 = 1
\end{align}
A formula and a list
\begin{itemize}
\item An item
\end{itemize}
\end{minipage}

1.8.8 Link to list of todos

Using the `hyperref` package it is possible to add a link from the inserted `todonotes` to the list of `todos`. The example were supplied by Andreas Plank.

\begin{minipage}{\textwidth-4pt}
Some text.
\begin{align}
\sin(\theta)^2 + \cos(\theta)^2 = 1
\end{align}
A formula and a list
\begin{itemize}
\item An item
\end{itemize}
\end{minipage}

\begin{minipage}{\textwidth-4pt}
Some text.
\begin{align}
\sin(\theta)^2 + \cos(\theta)^2 = 1
\end{align}
A formula and a list
\begin{itemize}
\item An item
\end{itemize}
\end{minipage}

\begin{minipage}{\textwidth-4pt}
Some text.
\begin{align}
\sin(\theta)^2 + \cos(\theta)^2 = 1
\end{align}
A formula and a list
\begin{itemize}
\item An item
\end{itemize}
\end{minipage}

\begin{minipage}{\textwidth-4pt}
Some text.
\begin{align}
\sin(\theta)^2 + \cos(\theta)^2 = 1
\end{align}
A formula and a list
\begin{itemize}
\item An item
\end{itemize}
\end{minipage}

\begin{minipage}{\textwidth-4pt}
Some text.
\begin{align}
\sin(\theta)^2 + \cos(\theta)^2 = 1
\end{align}
A formula and a list
\begin{itemize}
\item An item
\end{itemize}
\end{minipage}

1.8.8 Link to list of todos

Using the `hyperref` package it is possible to add a link from the inserted `todonotes` to the list of `todos`. The example were supplied by Andreas Plank.
The idea behind the code is to embed a \texttt{hypertarget} in each entry in the list of todos. In the todonotes a link to the entry in the list of todos is inserted as an arrow that points upwards. Using the \texttt{\todoTrans} command like below, the following two notes have been inserted.

\todoTrans{papirsflyver}
\todoTrans[inline]{damplokomotiv}
1.8.9 Numbered todonotes

The inserted todonotes can be argumented with the current subsection number. The code is shown below.

\newcommand{\ntodo}[2][]\{todo[#1]{\thesubsubsection{. #2}}

By changing \thesubsubsection to \thesection, the current section number can be inserted instead of the subsection number. The result looks like. Which were generated by the code
\ntodo{A subsection numbered todo.}.

1.8.10 Combining several modifications

Manduca have combined several of the modifications above into a highly specialized todo command. He uses the code:

\newcounter{todoListItems}
\newcommand{\sstodo}[2][]
{\addtocounter{todoListItems}{1}
\todo[caption={\protect\hypertarget{todo\thetodoListItems}{}\thesection. #2}, #1]{\begin{spacing}{1} \hfill \hyperlink{todo\thetodoListItems}{#2} \end{spacing}}}
2 Implementation

Identifies the package and loads the packages dependences.
\ProvidesPackage{todonotes}[2012/07/25]
\RequirePackage{ifthen}
\RequirePackage{xkeyval}
\RequirePackage{xcolor}
\RequirePackage{tikz}
\usetikzlibrary{positioning}
\RequirePackage{calc}

Some default values are set
\newcommand{\@todonotes@text}{\text}
\newcommand{\@todonotes@backgroundcolor}{orange}
\newcommand{\@todonotes@linecolor}{orange}
\newcommand{\@todonotes@bordercolor}{black}
\newcommand{\@todonotes@textwidth}{\marginparwidth}
\newcommand{\@todonotes@textsize}{\normalsize}
\newcommand{\@todonotes@figwidth}{\columnwidth}
\newcommand{\@todonotes@figheight}{4cm}
\AtBeginDocument{
\ifx\undefined\phantomsection
\newcommand{\phantomsection}{}
\fi
}

2.1 Declaration of options for the package

In this part the various options for the package are defined.
Define the default text strings and set localization options for the danish and german languages.
\newcommand{\@todonotes@todolistname}{Todo list}
\newcommand{\@todonotes@MissingFigureText}{Figure}
\newcommand{\@todonotes@MissingFigureUp}{Missing}
\newcommand{\@todonotes@MissingFigureDown}{\text}
\newcommand{\@todonotes@SetTodoListName}{\renewcommand{\@todonotes@todolistname}{#1}}
\newcommand{\@todonotes@SetMissingFigureText}{\renewcommand{\@todonotes@MissingFigureText}{#1}}
\newcommand{\@todonotes@SetMissingFigureUp}{\renewcommand{\@todonotes@MissingFigureUp}{#1}}
\newcommand{\@todonotes@SetMissingFigureDown}{\renewcommand{\@todonotes@MissingFigureDown}{#1}}
\newcommand{\@todonotes@reverseMissingFigureTriangle}
\DeclareOptionX{catalan}{
\@todonotes@SetTodoListName{Llista de feines pendents}}
\@todonotes@SetMissingFigureText{Figura}
\@todonotes@SetMissingFigureUp{Figura}
\@todonotes@SetMissingFigureDown{pendent}
Create a counter, for storing the number of inserted todos.
\newcounter{\@todonotes@numberoftodonotes}

Toggle whether the package should obey the global draft option.
\newif{\if@todonotes@obeyDraft}
\DeclareOptionX{obeyDraft}{\@todonotes@obeyDrafttrue}
\newif{\if@todonotes@isDraft}
\DeclareOptionX{draft}{\@todonotes@isDrafttrue}
\DeclareOptionX{draftcls}{\@todonotes@isDrafttrue}
\DeclareOptionX{draftclsnofoot}{\@todonotes@isDrafttrue}
\newif{\if@todonotes@obeyFinal}
\DeclareOptionX{obeyFinal}{\@todonotes@obeyFinaltrue}
\newif{\if@todonotes@isFinal}
\DeclareOptionX{final}{\@todonotes@isFinaltrue}

Make it possible to disable the functionality of the package. If this option is given, the commands $\texttt{\textbackslash todo}$ and $\texttt{\textbackslash listoftodos}$ are defined as commands with no effect. (But you can still compile your document with these commands).
\newif{\if@todonotes@disabled}
\DeclareOptionX{disable}{\@todonotes@disabledtrue}

Show small boxes in the list of todos with the color of the inserted todonotes.
\newif{\if@todonotes@colorinlistoftodos}
\DeclareOptionX{colorinlistoftodos}{\@todonotes@colorinlistoftodostrue}

The default style behaves bad when compiled with latex (some text placement problems). The dvistyle option, changes the visual behavior to avoid this text placement problem.
\newif{\if@todonotes@dviStyle}
\DeclareOptionX{dvistyle}{\@todonotes@dviStyletrue}

Create a color option.
\define@key{todonotes.sty}{color}{
\renewcommand{\@todonotes@backgroundcolor}{#1}
\renewcommand{\@todonotes@linecolor}{#1}}

Make the background color of the notes as an option.
\define@key{todonotes.sty}{backgroundcolor}{
\renewcommand{\@todonotes@backgroundcolor}{#1}}

Make the line color of the notes as an option.
\define@key{todonotes.sty}{linecolor}{
\renewcommand{\@todonotes@linecolor}{#1}}
Make the color of the notes box color as an option.
\define@key{todonotes.sty}{bordercolor}{\renewcommand{\@todonotes@bordercolor}{#1}}

Set whether short captions given as arguments to the todo command should be included in the inserted todonote.
\newif{\if@todonotes@prependcaptionglobal}
\@todonotes@prependcaptionglobalfalse
\DeclareOptionX{prependcaption}{\@todonotes@prependcaptionglobaltrue}

Make the text width as an option.
\define@key{todonotes.sty}{textwidth}{\renewcommand{\@todonotes@textwidth}{#1}}

Make the text size as an option. It requires some magic with the \csname and \endcsname macros, as commands cannot be taken as options for a package.
\define@key{todonotes.sty}{textsize}{\renewcommand{\@todonotes@textsize}{\csname #1\endcsname}}

Add option for shadows behind the inserted notes
\newif{\if@todonotes@shadowenabled}
\@todonotes@shadowenabledfalse
\DeclareOptionX{shadow}{\@todonotes@shadowenabledtrue \usetikzlibrary{shadows}}

Add option for the default width of the figure inserted with \missingfigure.
\define@key{todonotes.sty}{figwidth}{\renewcommand{\@todonotes@figwidth}{#1}}
\define@key{todonotes.sty}{figheight}{\renewcommand{\@todonotes@figheight}{#1}}

Make the text width as an option.
% Finally process the given options.
% \begin{macrocode}
\ProcessOptionsX*
% \end{macrocode}

If the obeyDraft is given, check whether one of the draft, draftcls or draftclsnofoot options are given and enable or disable the functionality of this package. If the obeyFinal option is given together with the final option the todonotes are disabled. The disable option will overrule the effect of obeyDraft.
\if@todonotes@disabled
\else
\if@todonotes@obeyDraft
\@todonotes@disabledtrue
\fi
\fi
\if@todonotes@obeyFinal
\@todonotes@disabledfalse
\fi
\fi
\@todonotes@disabledtrue
2.2 Options for the todo command

In this part the various options for commands in the package are defined. Set an arbitrarily fill color

\newcommand{\@todonotes@currentlinecolor}{\%}
\newcommand{\@todonotes@currentbackgroundcolor}{\%}
\newcommand{\@todonotes@currentbordercolor}{\%}
\define@key{todonotes}{color}{\renewcommand{\@todonotes@currentlinecolor}{#1}}%
\define@key{todonotes}{linecolor}{\renewcommand{\@todonotes@currentlinecolor}{#1}}%
\define@key{todonotes}{backgroundcolor}{\renewcommand{\@todonotes@currentbackgroundcolor}{#1}}%
\define@key{todonotes}{bordercolor}{\renewcommand{\@todonotes@currentbordercolor}{#1}}%
\\renewcommand{\@todonotes@currentlinecolor}{#1}%
\\renewcommand{\@todonotes@currentbackgroundcolor}{#1}%
\\define@key{todonotes}{disable}
\{\@todonotes@localdisabletrue}%
\\define@key{todonotes}{nodisable}
\{\@todonotes@localdisablefalse}%

Should the todo item be included in the list of todos?
\newif\@todonotes@appendtolistoftodos
\define@key{todonotes}{list}
\{\@todonotes@appendtolistoftodostrue}%
\define@key{todonotes}{nolist}
\{\@todonotes@appendtolistoftodosfalse}%

Should the todo item be displayed inline?
\newif\@todonotes@inlinenote
\define@key{todonotes}{inline}
\{\@todonotes@inlinenotetrue}%
\define@key{todonotes}{noline}
\{\@todonotes@inlinenotefalse}%
\\define@key{todonotes}{prepend}
\{\@todonotes@prependcaptiontrue}%
\\define@key{todonotes}{noprepend}
\{\@todonotes@prependcaptionfalse}%

Should the note in the margin be connected to the insertion point in the text?
\newif\@todonotes@line%
\define@key{todonotes}{line}
\{\@todonotes@linetrue}%
\define@key{todonotes}{noline}
\{\@todonotes@linefalse}%

Should the connection between note and insertion point be drawn in a fancy way? (does only work if line=true)
\newif\@todonotes@fancyline
\define@key{todonotes}{fancyline}
\{\@todonotes@fancylinefalse}%
2.3 The main code part

Here is the actual macros defined. If the option "disable" was passed to the package define empty commands.

```
\if@todonotes@disabled%
  \newcommand{\listoftodos}[1][{}]
  \newcommand{\@todo}[2][{}]
  \newcommand{\missingfigure}[2][{}]
\else % \if@todonotes@disabled
```

Define the \listoftodos command and define the appearance of the list of todos.
\newcommand{\listoftodos}{[1]{\@todonotes@todolistname}
  {\@ifundefined{chapter}{\section*{#1}}{\chapter*{#1}} \@starttoc{tdo}}
\newcommand{\l@todo}{
  \@dottedtocline{1}{0em}{2.3em}}

Define styles used by the todo command
\tikzstyle{notestyleraw} = [\draw=\@todonotes@currentbordercolor,\fill=\@todonotes@currentbackgroundcolor,\line width=0.5pt,\text width = \@todonotes@textwidth - 1.6 ex - 1pt,\inner sep = 0.8 ex,\rounded corners=4pt]

Add shadows and rounded corners to the inserted todonotes.
\if@todonotes@shadowenabled\tikzstyle{notestyle} = [notestyleraw,\general shadow={shadow xshift=.5ex, shadow yshift=-.5ex,\opacity=1,\fill=black!50}]\else\tikzstyle{notestyle} = [notestyleraw]\fi\tikzstyle{notestyleleft} = [notestyle,\left]\tikzstyle{connectstyle} = [\thick,\draw=\@todonotes@currentlinecolor]\tikzstyle{inlinenotestyle} = [notestyle,\text width=\linewidth - 1.6 ex - 1 pt]

\@todo Define the \@todo command.
\newcommand{\@todo}{[2]{}}\%
  \Use the global value for determining the default prepend behavior.
  \if@todonotes@prependcaptionglobal%\@todonotes@prependcaptiontrue%\else%\@todonotes@prependcaptionfalse%\fi%
  \%\Store the original text for later usage and parse the given options.
  \renewcommand{\@todonotes@text}{#2}%\renewcommand{\@todonotes@caption}{#2} %\setkeys{todonotes}{#1}%
  \If the option disable is given to the command, no output is generated.
  \if@todonotes@localdisable%\else%
Add the item to the list of todos. When the option `colorinlistoftodos` is given to the package a small colored square is added in front of the text.

\addtocounter{@todonotes@numberoftodonotes}{1}\
\if@todonotes@appendtolistoftodos\
\phantomsection\
\if@todonotes@captiongiven\
\else\
\renewcommand{\@todonotes@caption}{#2}\
\fi\
@todonotes@addElementToListOfTodos\
\fi\

Prepend the short caption given if it is requested

\if@todonotes@captiongiven\
\if@todonotes@prependcaption\
\renewcommand{\@todonotes@text}{\@todonotes@caption: #2}\
\fi\
\fi\

Place the todonote as indicated by the options (inline or in a marginpar), below is the code for the inline placement.

\if@todonotes@inlinenote\
@todonotes@drawInlineNote\
\else\
@todonotes@drawMarginNoteWithLine\
\fi
\if@todonotes@inlinenote\
\fi\
\if@todonotes@localdisable\
\fi\

\newcommand{\@todonotes@drawMarginNoteWithLine}{\
When the todonote should be placed inside a marginpar, the code below is applied. First is the current location in the document stored, this enables us later to connect this point with the inserted todonote.

\begin{tikzpicture}[remember picture, overlay, baseline=-0.75ex]\
node [coordinate] (inText) {};
\end{tikzpicture}\
\marginpar[{{% Draw note in left margin 
\@todonotes@drawMarginNote% 
\@todonotes@drawLineToLeftMargin% 
\marginpar[{{% Draw note in right margin 
\@todonotes@drawMarginNote% 
\@todonotes@drawLineToRightMargin% 
\}}% 
\fi% 
\fi% 
\fi%

In the book documentclass (which is a twoside layout), the `marginpar` marginpar macro takes two arguments `\marginpar[left]{right}`. If both arguments are given, latex will decide in which side the margin note has to be inserted, and then use the corresponding commands.

)}}%
addElementToListOfTodos  Define helper function `addElementToListOfTodos`.
294 \newcommand{\@todonotes@addElementToListOfTodos}{% 
295 \if\@todonotes@colorinlistoftodos% 
296 \addcontentsline{tdo}{todo}{% 
297 \colorbox{\@todonotes@currentbackgroundcolor}% 
298 \textcolor{\@todonotes@currentbackgroundcolor}{o}\% 
299 \ \@todonotes@caption}% 
300 \else% 
301 \addcontentsline{tdo}{todo}{\@todonotes@caption}% 
302 \fi}%
drawInlineNote Define helper function `drawInlineNote`.
303 \newcommand{\@todonotes@drawInlineNote}{% 
304 \if\@todonotes@dviStyle% 
305 \{\par\noindent\begin{tikzpicture}[remember picture]% 
306 \draw node[inlinenotestyle] {};\end{tikzpicture}\par}% 
307 \if\@todonotes@authorgiven% 
308 \{\noindent \@todonotes@sizecommand \@todonotes@author:\ \@todonotes@text% 
309 \}\else% 
310 \{\noindent \@todonotes@sizecommand \@todonotes@text% 
311 \}\fi% 
312 \{\par\noindent\begin{tikzpicture}[remember picture]% 
313 \draw node[inlinenotestyle] {};\end{tikzpicture}\par}% 
314 \else% 
315 \{\par\noindent\begin{tikzpicture}[remember picture]% 
316 \draw node[inlinenotestyle,font=\@todonotes@sizecommand]{% 
317 \if\@todonotes@authorgiven% 
318 \{\noindent \@todonotes@sizecommand \@todonotes@author:\ \@todonotes@text% 
319 \}\else% 
320 \{\noindent \@todonotes@sizecommand \@todonotes@text% 
321 \}\fi;\% 
322 \end{tikzpicture}\par}% 
323 \fi}%
drawMarginNote Define helper function `drawMarginNote`.
324 \newcommand{\@todonotes@drawMarginNote}{% 
325 \if\@todonotes@dviStyle% 
326 \begin{tikzpicture}[remember picture]% 
327 \draw node[notestyle] {};\end{tikzpicture}\par \% 
328 \begin{minipage}{\@todonotes@textwidth}% 
329 \if\@todonotes@authorgiven% 
330 \@todonotes@sizecommand \@todonotes@author \@todonotes@text% 
331 \else% 
332 \@todonotes@sizecommand \@todonotes@text% 
333 \fi;\% 
334 \end{minipage}\par \% 
335 \begin{tikzpicture}[remember picture]% 
336 \draw node[notestyle] (inNote) {};\end{tikzpicture}\par \% 
337 \draw node[notestyle] (inNote) {};}%
\end{tikzpicture}\%
\else\%
 \let\originalHbadness\hbadness\%
 \hbadness100000\%
\begin{tikzpicture}[remember picture,baseline=(X.base)]
 \node(X){\vphantom{X}};\%
 \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north] (inNote) at (X.north)\%
 {\@todonotes@text};\%
 \if\@todonotes@authorgiven\%
 \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north] (inNote) at (X.north)\%
 {\@todonotes@sizecommand\@todonotes@author};\%
 \node(Y)[below=of X]{;}\%
 \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north] (inNote) at (X.south)\%
 {\@todonotes@text};\%
 \else\%
 \draw node[notestyle,font=\@todonotes@sizecommand,anchor=north] (inNote) at (X.north)\%
 {\@todonotes@text};\%
 \fi\%
\end{tikzpicture}\%
\hbadness\originalHbadness\%
\fi\%
\end{tikzpicture}\%

drawLineToRightMargin  Define helper function drawLineToRightMargin.
\newcommand{\@todonotes@drawLineToRightMargin}{\%
 \if\@todonotes@line\%
 \if\@todonotes@fancyline\%
 \tikz[remember picture,overlay]{\%
 \tikzstyle{both}=[line width=3pt, draw, opacity=0.15]\%
 \tikzstyle{line}=[shorten >=5pt, line cap=round]\%
 \tikzstyle{head}=[shorten >=-1pt, dash pattern=on 0pt off 1pt, ->]\%
 \foreach \s in {line,head}{\%
 \draw[both,\s] (inNote.north west).. controls +(0:0) and +(90:1.5)..(\[yshift=1ex\] inText);\%
 \}}\%
 \else\%
 \begin{tikzpicture}[remember picture, overlay]\%
 \draw[connectstyle] (\[yshift=-0.2cm\] inText) -| (inNote.west) -| (inNote.west);\%
 \end{tikzpicture} \%
 \fi\%
 \fi\%
\end{tikzpicture}\%

drawLineToLeftMargin  Define helper function drawLineToLeftMargin.
\newcommand{\@todonotes@drawLineToLeftMargin}{\%
 \if\@todonotes@line\%
 \if\@todonotes@fancyline\%
 \tikz[remember picture,overlay]{\%
 \tikzstyle{both}=[line width=3pt, draw, opacity=0.15]\%
 \tikzstyle{line}=[shorten >=5pt, line cap=round]\%
 \tikzstyle{head}=[shorten >=-1pt, dash pattern=on 0pt off 1pt, ->]\%
 \foreach \s in {line,head}{\%
 \draw[both,\s] (inNote.north west).. controls +(0:0) and +(90:1.5)..([yshift=1ex] inText);\%
 \}}\%
 \else\%
 \begin{tikzpicture}[remember picture, overlay]\%
 \draw[connectstyle] ([yshift=-0.2cm] inText) -| (inNote.west) -| (inNote.west);\%
 \end{tikzpicture} \%
 \fi\%
\end{tikzpicture}\%
\tikzstyle{both}=[line width=3pt, draw, opacity=0.15]\%
\tikzstyle{line}=[shorten >=5pt, line cap=round]\%
\tikzstyle{head}=[shorten >=-1pt, dash pattern=on 0pt off 1pt,-]%;
\foreach \s in {line,head}{%
  \draw[\s,both]\%
  (inNote.north east).. controls +(0:0) and +(90:1.5)..([yshift=1ex] inText);%
};%
%
\begin{tikzpicture}[remember picture, overlay]\%
\draw[connectstyle]\%
([yshift=-0.2cm] inText)%
-| ([xshift=0.2cm] inNote.east)%
-| (inNote.east);%
\end{tikzpicture}\%
\fi \%
\fi}

\missingfigure Defines the \missingfigure macro.
\newcommand{\missingfigure}[2][]{%
  \setkeys{todonotes}{#1}%
  \addcontentsline{tdo}{todo}{\@todonotes@MissingFigureText: #2}%
  \par%
  \noindent%
  \begin{tikzpicture}
  \draw[fill=black!40, draw = white, line width=0pt]
  (-2, -2.5) rectangle +(#1,%
  \draw (2, -0.3) node[right, text
  \textwidth=#1-4.5cm] {#2};%
  \draw[red, fill=white, rounded corners = 5pt, line width=10pt]
  (30:2cm) -- (150:2cm) -- (270:2cm) -- cycle;
  \draw (0, 0.3) node {\@todonotes@MissingFigureUp};%
  \draw (0, -0.3) node {\@todonotes@MissingFigureDown};%
  \end{tikzpicture}%
}\%
\fi % Ending \@todonotes@ifdisabled
\end{tikzpicture}

\begin{tikzpicture}[remember picture, overlay]\%
\draw[fill=black!40, draw = white, line width=0pt]
(-2, -2.5) rectangle +(#1,%
\draw (2, -0.3) node[right, text
\textwidth=#1-4.5cm] {#2};%
\draw[red, fill=white, rounded corners = 5pt, line width=10pt]
(30:2cm) -- (150:2cm) -- (270:2cm) -- cycle;
\draw (0, 0.3) node {\@todonotes@MissingFigureUp};%
\draw (0, -0.3) node {\@todonotes@MissingFigureDown};%
\end{tikzpicture}%
\% Ending \missingfigure command
\fi % Ending \@todonotes@ifdisabled

\todototoc Inserts a reference to the list of todos in the table of contents. If chapter is defined, chapter is used as level otherwise will section be used. The \todototoc command respects the disable option.
\newcommand{\todototoc}{}
\ifs@todonotes@disabled
  \else
    \addcontentsline{toc}{\@ifundefined{chapter}{section}{chapter}}{\@todonotes@todolistname}
  \fi
\end{tikzpicture}

\todo Define the \todo command as a redirection to \@todo.
\newcommand{\todo}[2][]{\@bsphack \@todo[#1]{#2}\@esphack\ignorespaces}
A Longer code examples

A.1 Alter appearance of the list of todos

\documentclass{book}
\usepackage{todonotes}
\usepackage{lipsum}
\makeatletter
\def\myaddcontentsline#1#2#3{%\protect\contentsline{#2}{#3}{see \thesection\ at p. \thepage}{}}\renewcommand{\@todonotes@addElementToListOfTodos}{\if@todonotes@colorinlistoftodos%
\myaddcontentsline{tdo}{todo}{{\colorbox{\@todonotes@currentbackgroundcolor}{{\textcolor{\@todonotes@currentbackgroundcolor}{o}}}}\@todonotes@caption}}\else%
\myaddcontentsline{tdo}{todo}{{\@todonotes@caption}}\fi}%\newcommand*{mylistoftodos}{\begingroup\setbox\@tempboxa\hbox{see 9.9 at p. 99}\renewcommand*{\tocrmarg}{\the\wd\@tempboxa}\renewcommand*{\pnumwidth}{\the\wd\@tempboxa}\listoftodos\endgroup}

\begin{document}
\chapter{My first chapter}
\section{A first section}
\lipsum\todo{This is a note}\section{Another section}\lipsum\todo{This is another note}
\tableofcontents
\mylistoftodos\end{document}
<table>
<thead>
<tr>
<th>Version</th>
<th>General</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1</td>
<td>The first version of the package</td>
<td>1</td>
</tr>
<tr>
<td>0.2</td>
<td>Updated the option handling of the package</td>
<td>1</td>
</tr>
<tr>
<td>0.2.1</td>
<td>Slightly modified by Kjell Magne Fauske to support notes in the left margin (for documentstyle book)</td>
<td>1</td>
</tr>
<tr>
<td>0.2.2</td>
<td>Added a missingfigure command</td>
<td>1</td>
</tr>
<tr>
<td>0.3</td>
<td>Delayed the requirements for the hyperref package until begin document and added an optional argument to the todo command for adding inline todonotes (Idea from Patrick Toche)</td>
<td>1</td>
</tr>
<tr>
<td>0.3.1</td>
<td>Added some options to the todo macro (Idea: Patrick Toche) and made the listoftodos point at the inserted todos and not only the current / previous section, subsection or figure using the phantomsection macro.</td>
<td>1</td>
</tr>
<tr>
<td>0.4</td>
<td>Modified the behaviour of the inline todonotes, to avoid empty lines around the inline todonotes.</td>
<td>1</td>
</tr>
<tr>
<td>0.4.1</td>
<td>Added the option colorin-listoftodos which inserts a small box with the used fillcolor of the todonotes in the list of todos.</td>
<td>1</td>
</tr>
<tr>
<td>0.4.2</td>
<td>Fixed a bug with the disable option to the package.</td>
<td>1</td>
</tr>
<tr>
<td>0.5</td>
<td>Created a dtx file containing both source code and documentation of the package</td>
<td>1</td>
</tr>
<tr>
<td>0.5.1</td>
<td>Updated the documentation</td>
<td>1</td>
</tr>
<tr>
<td>0.5.2</td>
<td>Fixed a bug that prevented the usage of the option french for babel. Bug report by Thomas Braun.</td>
<td>1</td>
</tr>
<tr>
<td>0.6</td>
<td>Added the caption option to the todo command.</td>
<td>1</td>
</tr>
<tr>
<td>0.6.1</td>
<td>Added a new usecase with decreased line spacing.</td>
<td>1</td>
</tr>
<tr>
<td>0.6.2</td>
<td>Added a usecase by Fabrice Niessen.</td>
<td>1</td>
</tr>
<tr>
<td>0.7</td>
<td>Added language options on request from Peter Zimmermann.</td>
<td>1</td>
</tr>
<tr>
<td>0.7.1</td>
<td>Reworked the color options for both the whole package and the todo command. General code clean up. Added the prependcaption package option.</td>
<td>1</td>
</tr>
<tr>
<td>0.7.2</td>
<td>Avoid to change the fontsize inside the list of todos, fixing a bug revealed by Vladimir Zhuravlev.</td>
<td>1</td>
</tr>
<tr>
<td>0.7.3</td>
<td>The localization options (danish and german) and the disable options, were all flawed by naming inconsistencies that made then break the package. This have been fixed.</td>
<td>1</td>
</tr>
<tr>
<td>0.7.4</td>
<td>Fixed a bug related to the caption option for the todo command.</td>
<td>1</td>
</tr>
<tr>
<td>Version</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>0.7.5</td>
<td>General: Fixed a typo in a macro name.</td>
<td></td>
</tr>
<tr>
<td>0.7.6</td>
<td>General: Added a textsize option for the package and the prepend / noprepend option for the todo command.</td>
<td></td>
</tr>
<tr>
<td>0.8</td>
<td>General: Added three new translations french, spanish and catalan thanks to Richard Dominique and Joan Queralt. Improved the visual appearance of the inserted notes (rounded corners and optional shadows) with code from Joan Queralt. Found an untranslated textstring &quot;Figure&quot; in the source. Added a figwidth option to the missing figure command, patch by Paul Ivanov.</td>
<td></td>
</tr>
<tr>
<td>0.8.1</td>
<td>General: Added a space between the colored square and the text in the list of todos. Added a new usecase for marking old / new sections. Made the name of listoftodos changeable.</td>
<td></td>
</tr>
<tr>
<td>0.8.2</td>
<td>General: Italian translation by Gustavo Cevolani. Removed the dependence on the hyperref package.</td>
<td></td>
</tr>
<tr>
<td>0.8.3</td>
<td>General: Added a use case for linking to the list of todos, idea from Andreas Plank. Introduced a package option for listening to the draft option given to the document class.</td>
<td></td>
</tr>
<tr>
<td>0.8.4</td>
<td>General: Fixed a bug related to the obeyDraft option.</td>
<td></td>
</tr>
<tr>
<td>0.8.5</td>
<td>General: Added two new usecases (enumeration of inserted todonotes and how to set custom default values). Changed the order of the use case examples.</td>
<td></td>
</tr>
<tr>
<td>0.8.6</td>
<td>General: Added a portuguese translation by Og DeSouza.</td>
<td></td>
</tr>
<tr>
<td>0.8.7</td>
<td>General: Updated portuguese translation. Added a ugerman alias for the german translation suggested by Michael Nidermair.</td>
<td></td>
</tr>
<tr>
<td>0.8.8</td>
<td>General: Added a new usecase from Vitaly. Fixed a bug reported by Oscar Gustafsson. Explained why the placement of todonotes in the margin fails in certain custom document classes.</td>
<td></td>
</tr>
<tr>
<td>0.8.9</td>
<td>General: Added a dutch translation by Ruben Vermeersch.</td>
<td></td>
</tr>
<tr>
<td>0.9.0</td>
<td>General: Added a english option as suggested by Marco Berghoff.</td>
<td></td>
</tr>
<tr>
<td>0.9.1</td>
<td>General: Added the todototoc command by idea from Sven Augustin.</td>
<td></td>
</tr>
<tr>
<td>0.9.2</td>
<td>General: Use chapter (if available) for the list of todos heading.</td>
<td></td>
</tr>
<tr>
<td>0.9.3</td>
<td>General: Make an internal definition of the todo command, for easing redefinition of the command behaviour.</td>
<td></td>
</tr>
<tr>
<td>0.9.4</td>
<td>General: Make the disable option work on a local scale.</td>
<td></td>
</tr>
<tr>
<td>0.9.5</td>
<td>General: Code simplification by extracting functionality to smaller macros.</td>
<td></td>
</tr>
</tbody>
</table>
| 0.9.6   | General: Give fontsize to TikZ. Align notes with line where note
<table>
<thead>
<tr>
<th>Version</th>
<th>Release Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.9.7</td>
<td>General: Updated documentation.</td>
</tr>
<tr>
<td>0.9.8</td>
<td>General: Suppress warnings about underfull / overful boxes generated by the inserted todonotes. Patch by Peter M Schuler.</td>
</tr>
<tr>
<td>0.9.9</td>
<td>General: Added author option, implementation provided by Xavier Alameda-Pineda. Example of modifying the listoftodos removing some protect commands with no effect.</td>
</tr>
<tr>
<td>1.0.0</td>
<td>General: Mention trouble with the classicthesis style. Refer to some alternatives to the package. Added todoin command as suggested by Stefan Pinnow. Described how to use tikz externalize with todonotes. Added obeyDraft and obeyFinal options.</td>
</tr>
<tr>
<td>1.0.1</td>
<td>General: Fix spacing issues reported by Jonathan Zachhuber and Brent Longborough. Added figheight option to the missingfigure command as suggested by Kim Albertsson.</td>
</tr>
</tbody>
</table>