

dvdcoll.cls v0.52*

Typesetting your DVD archives

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Abstract

One day i lost the overview over my DVD archives. I simply could not remember, if i already recorded the documentary running on TV that day. This had to be changed and why not use L^AT_EX. So, i was dreaming of a hyperlinked and full searchable PDF-document listing my DVDs with all titles, lengths and so on. And the icing on the cake would be a list with all faulty or missing programs for rerecording. That's exactly what dvdcoll.cls is providing.

dvdcoll.cls is following the structure <number><title><length>. Therefore dvdcoll.cls is not limited to DVDs. You can of course typeset archives of CD-ROMs, Audio-CDs and so on.

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1 Simple Example

Take a first look to the structure of a file using `dvdcoll.cls`

```
\documentclass[pagenumbers=yes]{dvdcoll}

\usepackage[german]{babel}
\usepackage[latin1]{inputenc}
\usepackage[T1]{fontenc}
\usepackage{textcomp}
\usepackage{bera}

\begin{document}
\tableofcontents

\DVDPart{Fernsehserien}
\DVDSeries{Jake 2.0}

\begin{Dvd}{}{}
  \DVDTitle{Geburt eines Helden}{40:16}
  \DVDTitle{Erste Schritte}{39:45}
  \DVDTitle{Die China-Connection}{40:14}
  \DVDTitle{Die Waffen und das Mädchen}{38:29}
\end{Dvd}

\begin{Dvd}{}{}
  \DVDTitle{Die Akte Dumont}{38:50}
  \DVDTitle{Der Feind in meinem Körper}{39:52}
  \DVDTitle{Jerry 2.0}{39:53}
  \DVDTitle{Der Mittelsmann}{39:21}
\end{Dvd}
\end{document}
```

You will find a larger example (more details, commands, options, . . .) in `dcexample.<tex/pdf>`.

As you can see, `dvdcoll.cls` is quite easy to use!

2 Class options

The class options will be described will all possible values. The respective default value will be typeset bold.

2.1 `dvdlabel`

`dvdlabel` = $\langle \textbf{wide} \rangle$, $\langle \textit{narrow} \rangle$

By using the option $\langle \textit{wide} \rangle$, the given $\langle \textit{label} \rangle$ in the environment `Dvd` will be set on the right side of the table. $\langle \textit{narrow} \rangle$ will typeset $\langle \textit{label} \rangle$ in short distance after the title.

2.2 dvdskip

`dvdskip` = `<small>`, `<medium>`, `<big>`

The option `dvdskip` will influence the vertical space after each table (environment `Dvd`). Just play around with the possible values.

2.3 language

`language` = `<babel>`, any language

`dvdcoll.cls` is designed to deal with several languages. The following table will give an overview over the supported languages at the moment. Feel free to provide others.

languages	possible options ¹
english	<code><english></code> , <code><USenglish></code> , (<code><american></code> , <code><canadian></code>), <code><UKenglish></code> , (<code><british></code>), <code><australian></code> , (<code><newzealand></code>)
german	<code><german></code> , (<code><germanb></code>), <code><ngerman></code> , <code><austrian></code> , <code><naustrian></code>

The evaluation of the option `language` will follow these priorities:

1. explicit given value
2. evaluation of the option given to the package `babel`
3. using option `<english>` by default

So, if you don't specify any language, `dvdcoll.cls` will try to evaluate the option given to `babel`. If all that fails, the option `<english>` will be used!

2.4 pagenumbers

`pagenumbers` = `<yes>`, `<no>`

Of course, `<yes>` will lead to pages with numbers, where as `<no>` will give no pagenumbers.

2.5 heading

`heading` = `<nonumber>`, `<number>`

`<nonumber>` will give unnumbered headings, while `<number>` will give numbered headings.

Tip! If you want to produce a printversion, you should consider the combination of `pagenumbers = <no>` and `heading = <nonumber>`. You just have to print the new pages and insert them into your paper mountain.

¹At the moment there are no differences between these options. They are provided for compatibility with `babel`

3 Environments

3.1 Dvd

```
\begin{Dvd}{\langle title \rangle}{\langle label \rangle}  
...  
\end{Dvd}
```

Now we are at the central part of `dvdcoll.cls`. The environment `Dvd` is used to define the respective dvds.

With the argument `{\langle title \rangle}` you can specify a title, but you don't have to do. If `{\langle title \rangle}` is left empty, `dvdcoll.cls` will create titles automatically by the series - specified by `\DvdSeries` (see: 4.1.2) - followed by a counter, which is reset by every new dvd series. There are some other commands you can use in `{\langle title \rangle}`, if you wish to have more influence in the process of setting the title automatically. (see: 4.2.2, 4.2.3 and 4.2.4)

`{\langle label \rangle}` can be used to setup the label you are using in your archives, e.g. DVD12. By default the label will be typeset bold enclosed by brackets². You can change that by redefining `\dc@print@dvdlabel`.

Keep in mind that you can influence the typesetting with the class option `dvdlabel`. (see: 2.1)

4 Commands

4.1 Sectioning commands

The following commands can be used for structuring your archives.

4.1.1 \DvdPart

```
\DvdPart{\langle part \rangle}
```

You can split up your archives into different parts like tv series, documentaries and so on. You just have to use `\DvdPart`.

4.1.2 \DvdSeries

```
\DvdSeries{\langle series \rangle}
```

Additionally, you can specify a dvd series, e.g. Star Trek - The Next Generation. Keep in mind that `{\langle series \rangle}` can be used in automatic titling! (see: 3.1)

4.2 DVD title commands

4.2.1 \DvdTitle

```
\DvdTitle{\langle title \rangle}{\langle length \rangle}
```

`\DvdTitle` is used to specify the respective titles (`{\langle title \rangle}`) on your dvd (within environment `Dvd`).

`{\langle length \rangle}` is used to typeset the length (e.g. 43:12) and in general followed by the addition **min**. You can change that by using `\SetThirdColumnAddition`. (see: 4.4.1)

You can use the argument `{\langle length \rangle}` to mark the title as faulty or missing. Additionally, the title will be included in the LFR (List of faulty recordings).

²Of course, the brackets are not typeset, if no label is specified.

(see: 4.4.2) All supported languages (see: 2.3) at the moment use the letter **F** as marker.

4.2.2 `\AutoTitle`

`\AutoTitle` If you want to add an extra title to the automatically generated dvd titles in Dvd, you can use `\AutoTitle` in the argument `{<title>}` and simply add your extra title.

4.2.3 `\DvdCounter`

`\DvdCounter` `\DvdCounter` will provide the dvd counter with correct spacing, if you want to leave the process of automatic titles.

4.2.4 `\DvdSpace`

`\DvdSpace` `\DvdSpace` can be used to get the same space, that is used within the process of automatic titling. By default, it is set to **0.7em**. You can change that by using `\SetCounterSpace`. (see: 4.3.1)

4.3 Spaces, lengths, widths, . . .

4.3.1 `\SetCounterSpace`

`\SetCounterSpace`
`{<width>}` `\SetCounterSpace` can be used to change the standard space used within the process of automatic titling, which is by default set to **0.7em**.

4.3.2 `\SetTOCNumwidth`

`\SetTOCNumwidth`
`{<numwidth>}` `\SetTOCNumwidth` can be used to adjust the available place in the TOC (Table of Contents) for the numbers of the parts and series. By default, there is place for two digits. (see: `dcexample.<tex/pdf>`)

4.3.3 `\SetTOCSecIndent`

`\SetTOCSecIndent`
`{<indent>}` With `\SetTOCSecIndent` you can set the indent of the respective dvds in the TOC.

4.3.4 `\SetLFRSecNumwidth`

`\SetLFRSecNumwidth`
`{<numwidth>}` `\SetLFRSecNumwidth` can be used to adjust the width of the box for the numbers in the LFR. (see: 4.4.2 and `dcexample.<tex/pdf>`)

4.4 Misc. commands

4.4.1 `\SetThirdColumnAddition`

`\SetThirdColumnAddition`
`{<addition>}` As already mentioned, `\SetThirdColumnAddition` can be used to change the addition to the argument `{<length>}` of the command `\DvdTitle`. By default, there will be typeset **min**.

4.4.2 `\listoffaultyrecordings`

`\listoffaultyrecordings` `\listoffaultyrecordings` will provide a list comparable to the Table of Contents, which contains the titles specified as faulty or missing in the command `\DvdTitle`.

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