Documentation

yLectureNote

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1 Class Options

— french change the document settings to be in French (it is by default in English)
— german change the document settings to be in German
— printSerie prints the Serie number in the footer if you used the `\nextSerie` command

2 Layout

Page without margin paragraph are created using `\nomarginparpage`. You restore margin paragraph with `\marginparpage`.

3 Title Page

Use following commands in the preamble to define the title page's content : `\title{<class title>}` `\date{<semester and year>}` (`\author{<student>}`) (`\professor{<professor>}`) (`\yLanguage{<language>}`). The commands in parenthesis are not mandatory.

Inside the document body, issue `\titleOne[<additional rubber content>]`.

4 Table of Content

`\yTableOfContent[<additional content before new page>]`. One could put an author-Block in the additional content.

`\printMarginPartialToc` prints a chapter partial table of content in the margin.

5 Margin Elements

`\sideNote{<content>}` should be used whenever possible. It adds a note number. You can use `\sideTitle{<title>}` inside.

Inside floats or buggy environments : `\forcedSideNote{}`. It appears at the exact same height it is declared without checking if it overlaps with other sideNotes.

`\marginElement{<content>}` is a simple margin par with no numbers.

6 Theorem, axiom, etc.

```
\begin{theorem}[<title>]
        <theorem>
\end{theorem}
```

Following environments are also defined with the same set of arguments : lemma, corollary, definition, axiom, proposition.

7 InfoBulles

`\infoInfo{<Title>}{<Text>}`

With the exact same arguments : `\tipsInfo`, `\warningInfo`, `\criticalInfo`, `\checkInfo`, `\questionInfo`.

8 Side InfoBulles

`\sideInfo[<title>]{content}`. With the same arguments : `\sideTips` `\sideCritical`

9 Class Date

`\classDate{<day>}{<month>}{<year>}`

10 Exercises Serie

`\nextSerie`. Use also this command to « activate » the first serie and make LaTeX display the serie number in the footer.

`\stopPrintingSerie printSerie` to stop or reactivate printing of the serie number.

11 Lists

In the margin par, use `sideDescription`, `sideItemize`, `sideEnumerate` instead of the normals.

12 Tables

Body tables :

```
(\blockmargin)
\begin{SCtable}[][ht !]
\begin{tabu}{<cols>}
   \tableHeaderStyle
   first & line & of & the table\\
   other & lines & of & the & table\\
\end{tabu}
\caption{<caption text>}
\end{SCtable}
(\unblockmargin)
```

Side Tables : `\sideTable[<caption>]{\begin{tabu}...\end{tabu}}`

13 Figures

Side figures : `\sideFigure[<caption>]{\includegraphics{path.jpg}}`

14 Code Listings

```
\begin{CodeInfo}{<Title>}[<caption>]
      \begin{CodeInfoLst}[<language>]
              var test = "my Code"
      \end{CodeInfoLst}
\end{CodeInfo}
```

With <language> a string like : « Python », « C++ », etc.

15 Full Width Elements

`\begin{whole}...\end{whole}`

16 End of Chapter Ornaments

`\yOrnament`

17 Author Block

```
\authorBlock{
      \authorName{<your name>}
      \authorAdressLineOne{<adress line
   one>}
      \authorAdressLineTwo{<adress line
   two>}
      \authorAdressLineThree{<adress
   line three>}
      \authorPhone{<phone number>}
      \authorMail{<mail>}
      \authorWebsite{<website>}
}
```

18 Numbers typesetting

`\bigNumber{<number>}` Write the number in big in the text. For side numbers : `\sideNumber{<number>}{<text>}`

19 Metadata

```
\hypersetup{
      pdftitle={<Title>},
      pdfsubject={<Subject>},
      pdfauthor={<Your name>},
      pdfkeywords={{<keyword 1>}{<
   keyword 2>}},
}
```

20 Quotation

`\blockQuote[<author>]{<text>}` `\sideQuote[]{}` `\fullQuote[]{}`