Introduction to **TEX2LATEX** (a conversation tool by Uwe Vogt)

---

1 Description

TEX2LATEX converts a simple text file to an enhanced latex file.

1.1 Algorithm

TEX2LATEX searches for items, footnotes, sections, etc.
$\rightarrow$ to make a real LATEX file of the text file.

1.1.1 Features

TEX2LATEX features:

- itemize

- find and generate tables

- upper-case-words to make them „*bold*"

- find special characters

    - arrows

    - copyright character

    - german characters

    - a box

1

- find footnotes

- find sections

- add pictures to the text

- fontface manipulation

- find horizontal lines

  - and end-of-page lines

2 Examples

TEXT2LATEX examples (lerning by doing)
Use this file with **TEX2LATEX** to see the result.

2.1 Itemize (detection of different levels):

- level 1

  - sub level2

    * sub sub level3

- back in level1

2.2 Tables

FrauenKleidung	HerrenKleidung	KinderKleidung	BabyKleidung
Rock	Hose	Latzhose	Strampler
Kleid	Schlipsäse	Strumpfhose	Lätzchen
			Socken
nix	Mantel	Strümpfe	

2.3 Upper-case-words

will be chanced to **BOLD-UPPER-CASE-WORDS** !!!

2.4 Special Characters

Here they are.

- arrows: $\rightarrow$, $\longrightarrow$, $\leftarrow$, $\Rightarrow$, $\leftrightarrow$, $\Longleftrightarrow$, $\Longrightarrow$, etc.

- copyright: ©

- german chars: ä, ü, Ü, ß, etc.

- a box: ◯ might be useful for a checklist

2.5 Footnotes

If there is somethin like This [1],
a footnote will appear

2.6 Sections

To start a new section you need to write for example `(1) Description` or `(1.1) Sub - Description` at the beginning of a line, that's all!

---

[1]this is the footnote of **THIS**!!!

2.7   Adding pictures to the text.

The pictures must be in **TIFF**/**PNG**/**JPG** or **BMP** format.
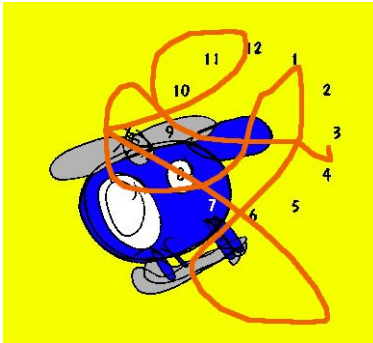Add a picture, just like this..

Abbildung 1: PictureNameAndDescription

Description:

- you have to write (`PictureNameAndDescription.jpg`| (it's not allowed
  to write spaces in there, just the filename! It will be shown under the
  the picture (without extention)).

- then you can write the picture scale/width/..
  You can even use the picture dimentions by writin nothin!
  Some Examples:

    - `)` (use picture dimention)

    - `width=50mm)`
    - `width=3cm)`
    - `width=50pt)` (50 points)

    - `width=50mm, height=20mm)`
    - `scale=.50)`
    - `scale=.50, angle=50)` (scale and rotate to the left)

– etc.

- That's it!

2.8   Fontface manipulation

The Fontface chances

- by using quotations *„The text will be italic!"*

- Typewriter: `http://www.Typewriter.com`

2.9   Lines

Horizontal and End-Of-Page Lines:

- A horizontal line will be drawn, if you write more than 40 „_" in one line without any other character in that line!
  Example above.

- To end the page and to go on on the next page: Just type in more that 40 „=". That's it!

  And a jump to the next Page..

..here we are, on the next page!

3   Note of the Author

This program if Freeware!

If there are any errors, send me an eMail!
Are there're any features you would like me to add to this programm,
send me an eMail!

Uwe Vogt (`uwe@la.com`)