

Simpson's in \LaTeX Beamer Presentations

- While looking for a symbol in the best Website ever, the super magical “draw your \LaTeX ” webpage, <http://detexify.kirelabs.org/classify.html>, I couldn't find the symbol I wanted.
- It pointed me to the huge \LaTeX Symbol list, “symbols-letter.pdf” (at <http://www.ctan.org/tex-archive/info/symbols/comprehensive/>)
- In which I noticed there are \LaTeX symbols for the Simpsons' characters on <http://www.ctan.org>.
- I figured how to install them and added information on this existing thread on [tex.stackexchange.com](http://tex.stackexchange.com/questions/28567/how-to-install-and-use-simpsons-font):
<http://tex.stackexchange.com/questions/28567/how-to-install-and-use-simpsons-font>
- Prepared this example Beamer document to see how far I could push \LaTeX to do interesting things.

The simpson package's metafont symbols

The existing symbols are



as well as the



, who is gigantic.

The despicable Mister Burns  and whatever an SNPP is: 

Question: Could I use the Simpsons' characters as the “symbol” at the beginning of enumerated lists? Yes, as I learn on the next slides.

I first tested a \LaTeX list in ERT

Here's an itemized list using the simpson's letters as "icons". I used pure \LaTeX because I found documentation for that first.



that's homer



that's bart



that's Maggie.



What is an "SNPP"? That's what they call this one.

BTW. I don't understand why we treat these simpson things as font characters, they are little icons IMHO.

Some Unsolved Problems



Here's Lisa.



Marge. Too Tall.

Label Alignment: Note unfortunate problem that the Marge symbol is not centered in the text that goes with the Marge icon.



I still have not found a way to shrink marge, or align the text.

I wondered what would happen if a

line. Seems fine.



were placed in a

Left-Facing Characters for My Communist Fans



Homer facing left



left facing Bart



left facing Marge



Lisa facing left

Make That Work in L^AT_EX Without Evil Red T_EX

- After finding that does work in “real” L^AT_EX, then I was interested in making it work in L^AT_EX without the ERT
- It is not really necessary to use the L^AT_EX module Customizable Lists (enumitem) to make some of this work. You can replace any particular item’s bullet symbol by just adding some code in an ordinary list.
- But if you do use that module (which allows enumitem), you can get some nice effects. However, it also makes ordinary list symbols disappear, for reasons I’ve not solved yet.

Insert `[\symbol]` as ERT after item in an ordinary LyX list

β I threw a beta in as the default bullet symbol, just to show I learned how



Replaces the default item symbol. In Lyx, just put ERT with `[\Bart]` before the item text. No need for LyX Insert->ShortTitle here. Just ERT with brackets and the legal symbol name.

β Again, an ordinary symbol (“label”).

Do you want Bart on all of the items in a list? Here's how

If you turn on the LyX module Customize Lists (enumitem), then you can replace all of the symbols with Bart.



Start an itemized list, as usual



On the first item, hit the menu “Insert -> ShortTitle”. That opens a little box in the document.



Then insert evil red T_EX, then type label=`\Bart`. Put `\Bart` in a T_EX box.



After that, all of the list items are prefaced by a Bart

Still Unsolved Problems

- Adjust the size of the symbols? (maybe impossible ☹)
- Center simpsons' bullet symbols vertically in the line
- I don't know if this is a \LaTeX problem or a \LyX Problem. Turning on the `enumitem` module in \LyX causes the default bullet symbols to disappear in all lists, whether I fiddle with simpsons icons or not. This requires me to formally specify a bullet in the first item for each list, or else go with no bullets.
- Of course, that's a small price to pay for lists that use β or Γ as bullets. Everybody would agree on that.