

The Tabbing package

Jean-Pierre F. Drucbert
drucbert@onecert.fr

1999/08/03

Abstract

This package¹ provides a ‘Tabbing’ environment, analog to the L^AT_EX standard ‘tabbing’ environment, but allowing accented letters. No more `\a’`, `\a’` and `\a=` needed.

1 The Tabbing package

L^AT_EX provides the `tabbing` environment. But it is not user-friendly when you must use accented letters, whith the grave, acute and macron accents, `\’a` á, `\’a` à and `\=a` ā. Even when you use a good input encoding on 8 bits. So the Tabbing package offers a `Tabbing` environment, which is a slightly modified copy of the standard `tabbing` environment. In the `Tabbing` environment, the local commands `\>`, `\<`, `\=`, `\+`, `\-`, `\’` and `\’` are replaced by `\TAB>`, `\TAB<`, `\TAB=`, `\TAB+`, `\TAB-`, `\TAB’` and `\TAB’` respectively. Hence the conversion is rather easy. Acute and grave accents are very often used in french, this environment should be useful. In the example of Figure 1, the vertical rules mark the tab stops (with the macro `\tabrule`, which is not part of the package)

Note that the markup is more visible than in the `tabbing` environment, and the syntax of accented letters is *the same* outside and inside of the new `Tabbing` environment.

¹ Copyright © 1996, 1997, 1998 by
Jean-Pierre F. Drucbert
ONERA/Centre de Toulouse SRI
Office National d’Études et de Recherches Aérospatiales
Centre de Toulouse
Service Réseaux et Informatique
Complexe Scientifique de Rangueil

2, Avenue Édouard Belin
BP 4025 F-31055 TOULOUSE CEDEX
FRANCE

Email: drucbert@onecert.fr

```

\newcommand{\tabrule}[1]{\makebox[0pt]{\raisebox
{0pt}[0pt]{\rule{\fboxrule}{#1\baselineskip}}}}

\begin{Tabbing}
gnomon \TAB= agn\=ostic \TAB=      arma\TAB= dillo      \TAB= gnash \TAB= \kill
      \TAB>          \TAB> gnu      \TAB> gneisses \TAB>          \TAB> gnarl
\\*
      \TAB>          \TAB> \'ecole \TAB> \'el\'eve \TAB>          \TAB> examen
\\*
      \TAB>          \TAB> cole   \TAB> lve    \TAB>          \TAB> examen
\\*
      \TAB>          \TAB> u      \TAB> e      \TAB> g      \TAB>
\TAB'
\end{Tabbing}

```

		gnu gneisses gnarl		
		école élève		
		cole lve		
		u e g		

Figure 1: A simple `Tabbing` environment

2 Implementation

```
1 (*package)
Tabbing We just copy the standard tabbing environment, and add the local macro \TAB
\TAB who tests its argument. An error message has been added.
2 \gdef\Tabbing{\lineskip \z@skip
3 % % \let\>\@rtab
4 % % \let\<\@ltab
5 % % \let\=\@settab
6 % % \let\+\@tabplus
7 % % \let\-\@tabminus
8 % % \let\'\@tabrj
9 % % \let\'\@tablab
10 \def\TAB##1{\ifx ##1>\@rtab\else
11 \ifx ##1<\@ltab\else
12 \ifx ##1=\@settab\else
13 \ifx ##1+\@tabplus\else
14 \ifx ##1-\@tabminus\else
15 \ifx ##1'\@tabrj\else
16 \ifx ##1'\@tablab\else
17 \PackageError{Tabbing}%
18 {Bad argument ##1 for Tabbing specification}
19 \fi\fi\fi\fi\fi\fi\fi}
20 \let\=\@tabcr
21 \global\@hightab\@firsttab
22 \global\@nxttabmar\@firsttab
23 \dimen\@firsttab\@totalleftmargin
24 \global\@tabpush\z@ \global\@rjfieldfalse
25 \trivlist \item\relax
26 \if@minipage\else\vskip\parskip\fi
27 \setbox\@tabfbox\hbox{\rlap{\indent\hskip\@totalleftmargin
28 \the\everypar}}\def\@itemfudge{\box\@tabfbox}%
29 \@startline\ignorespaces}
30 \gdef\endTabbing{%
31 \@stopline\ifnum\@tabpush >\z@ \@badpoptabs \fi\endtrivlist}
```