

Using Lua in
ConTEXt MkIV:
a few examples

```
\Word {far too many words}  
\word {far TOO many words}  
\Words{far too many words}  
\WORD {far too many words}  
\WORDS{far too many words}
```

Far too many words
far too many words
Far Too Many Words
FAR TOO MANY WORDS
FAR TOO MANY WORDS

```
\WORD {far too \Word{many \WORD{more \word{pushed} in between} useless} words}  
FAR TOO Many MORE pushed IN BETWEEN useless WORDS
```

`\ruledhbox{1234567890}`

1234567890

`\ruledhbox{\equaldigits{1234567890}}`

1234567890

1234567890

`\ruledhbox{\os1234567890}`

1234567890

1234567890

1234567890

`\ruledhbox{\equaldigits{\os1234567890}}`

1234567890

1234567890

1234567890

1234567890

```
\setupmathematics[autopunctuation=no] $a = (1,2) \quad b = (x,3)$
```

$a = (1,2)$ $b = (x,3)$

```
\setupmathematics[autopunctuation=yes] $b = (1,2) \quad b = (x,3)$
```

$b = (1,2)$ $b = (x,3)$

```
\installbreakpoint[compound][-][language=czech,nleft=3,nright=3,type=4]
```

```
\setbreakpoints[compound] \german test-test \par \czech test-test \par
```

```
test-  
test  
test-  
-test
```

```
\installbreakpoint[compound][-][nleft=3,nright=3,type=5,left=,right=-,middle=-]  
\installbreakpoint[compound][()][nleft=3,nright=3,type=5,left=,right=(-,middle=(]  
\installbreakpoint[compound][)][nleft=3,nright=3,type=5,left=-),right=,middle=]
```

```
\setbreakpoints[compound] composed-word \par composed(word) \par (composed)word
```

```
composed-  
word  
composed(-  
word)  
(composed  
-)word
```

breaking at special points

```
\definecharacterkerning[extraspace][factor=.5]  
\setcharacterkerning[extraspace]
```

```
a tricky \hbox{word indeed}: affligeant % double ligature
```

```
a t r i c k y w o r d i n d e e d : a f f l i g e a n t
```

ugly but sometimes needed spacing

```
\setcharacterspacing [frenchpunctuation]
```

```
«\type{«bla»}» or « \type{bla}»
```

```
« «bla» » or « bla »
```

```
«bla » and « bla» and « bla »
```

```
« bla » and « bla » and « bla »
```

```
bla: bla and bla : bla
```

```
bla : bla and bla : bla
```

```
\definecharacterspacing [veryfrenchpunctuation]
```

```
\setupcharacterspacing [veryfrenchpunctuation] ["00AB] [right=1.25,alternative=1]
```

```
\setupcharacterspacing [veryfrenchpunctuation] ["00BB] [left=1.25,alternative=1]
```

```
\setcharacterspacing [veryfrenchpunctuation]
```

```
« «bla» » or « bla »
```

```
« bla » and « bla » and « bla »
```

no more sensitive active characters

```
\startbar[underbar] \input zapf \stopbar \blank
```

Coming back to the use of typefaces in electronic publishing: many of the new typographers receive their knowledge and information about the rules of typography from books, from computer magazines or the instruction manuals which they get with the purchase of a PC or software. There is not so much basic instruction, as of now, as there was in the old days, showing the differences between good and bad typographic design. Many people are just fascinated by their PC's tricks, and think that a widely-praised program, called up on the screen, will make everything automatic from now on.

```
\startbar[underbars] \input zapf \stopbar \blank
```

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example

getting away from the input: bars crossing lines

from here \startbar[backbar]\input{zapf}\stopbar \space till here

from here Coming back to the use of typefaces in electronic publishing: many of the new typographers receive their knowledge and information about the rules of typography from books, from computer magazines or the instruction manuals which they get with the purchase of a PC or software. There is not so much basic instruction, as of now, as there was in the old days, showing the differences between good and bad typographic design. Many people are just fascinated by their PC's tricks, and think that a widely-praised program, called up on the screen, will make everything automatic from now on. till here

from here \startbar[forebar]\input{zapf}\stopbar \space till here

from here  till here

getting away from the input: abusing that mechanism

According to the wikipedia this is the longest English word:
pneumonoultramicroscopicsilicovolcanoconiosis~\shiftup {other
long words are pseudopseudohypoparathyroidism and
flocci-nauci-nihili-pili-fication}. Of course in languages like Dutch
and German we can make arbitrary long words by pasting words together.

According to the wikipedia this is the longest English word: pneumonoultramicroscopicsilicovol-
canoconiosis other long words are pseudopseudohypoparathyroidism and floccinaucinihilipilification . Of course in languages
like Dutch and German we can make arbitrary long words by pasting words together.

According to the wikipedia this is the longest
English word: pneumonoultramicroscopicsilico-
volcanoconiosis other long words are pseudopseudohypoparathy-
roidism and floccinaucinihilipilification . Of course in lan-
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bitrary long words by pasting words together.

getting away from the input: a bit over top