This is a sample document testing datatool's comparison handlers. Note that UTF-8 characters are treated as two tokens (the first and second octets) with regular (pdf)  $IAT_EX$ , so the definition column on the following pages shows the two octets for the UTF-8 character É as  $\tilde{A}L$ , which is how  $IAT_EX$  sees them. XeLaTeX will treat it as a single token.

## 1 Unsorted data

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sea lion sea lion elephant elephant		-
elephant elephant		
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## 2 Case-Insensitive Sort

Word	Definition
#define	\#define
#include	\#include
! 1 (one) 1 (one) 10 (ten) 10 (ten) 10 Downing Avenue 10 Downing Road 10 Downing Street 10 Samurai 10 Samurai, The 10 Samurai, The 100 (one hundred) 100 (one hundred) 1st Street 1st Street	<pre>' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '</pre>
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High Water	High Water
High Water	High Water
high water	high water
highwater	highwater
London	London
London, History of	London\datatoolsubjectcomma History of
London, Jack	London\datatoolpersoncomma Jack
London, UK	London\datatoolplacecomma UK
London, Jack	London, Jack
sea lion	sea lion
seal	seal
Ten Samurai	Ten Samurai
Ten Samurai, The	Ten Samurai\datatoolsubjectcomma The
Ten Samurai, The	Ten Samurai, The
The Ten Samurai	The Ten Samurai
Zebra	Zebra
zebra	zebra

## 3 Case-Sensitive Sort

Word	Definition
#define	\#define
#include	\#define \#include
#include !	
1 (one)	1\datatoolparenstart (one)
1 (one)	1 (one)
10 (ten)	10\datatoolparenstart (ten)
10 (ten)	10 (ten)
100 (one hundred)	100\datatoolparenstart (one hundred)
100 (one hundred)	100 (one hundred)
10 Downing Avenue	10° Downing Avenue
10 Downing Road	10 Downing Road
10 Downing Street	10 Downing Street
10 Samurai	10 Samurai
10 Samurai, The	10 Samurai\datatoolsubjectcomma The
10 Samurai, The	10 Samurai, The
1st Street	1st Street
1st Street	1st <sup>°</sup> Street
4 (four)	4\datatoolparenstart (four)
4  (four)	4 (four)
42 (forty-two)	42\datatoolparenstart (forty-two)
42 (forty-two)	42 (forty-two)
Alpha	Alpha
Élite	ÃĽlite
High Water	High Water
High water	High water
London	London
London, History of	London\datatoolsubjectcomma History of
London, Jack	London\datatoolpersoncomma Jack
London, Jack	London, Jack
London, UK	London\datatoolplacecomma UK
Ten Samurai	Ten Samurai
Ten Samurai, The	Ten Samurai\datatoolsubjectcomma The
Ten Samurai, The	Ten Samurai, The
The Ten Samurai	The Ten Samurai
Zebra	Zebra
[	[
alpha	alpha
elephant	elephant
high water	high water
highwater	highwater
seal	seal
sea lion	sea lion
zebra	zebra
	~

## 4 Word-Order Sort

Word #define #include ! [	Definition \#define \#include ! [ ~
l 1 (one) 4 (four) 10 (ten) 42 (forty-two) 100 (one hundred) 1 (one) 10 Samurai, The 10 Samurai, The 10 Samurai, The 10 Samurai 10 Downing Street 10 Downing Road 10 Downing Road 10 Downing Avenue 10 (ten) 100 (one hundred) 1st Street 1st Street 1st Street 4 (four) 42 (forty-two) alpha Alpha elephant Élite high water High water High Water London, Jack London, UK London, History of London London, Jack seal Ten Samurai, The Ten Samurai, The	<pre>1 \datatoolparenstart (one) 4\datatoolparenstart (four) 10\datatoolparenstart (forty-two) 100\datatoolparenstart (one hundred) 1 (one) 10 Samurai, The 10 Samurai (datatoolsubjectcomma The 10 Samurai 10~Downing Street 10 Downing Road 10~Downing Avenue 10 (ten) 100 (one hundred) 1st~Street 1st Street 4 (four) 42 (forty-two) alpha Alpha elephant ALlite high water High water High water High Water London\datatoolpersoncomma Jack London\datatoolplacecomma UK London\datatoolsubjectcomma History of London London, Jack sea lion seal Ten Samurai, The Ten Samurai\datatoolsubjectcomma The</pre>
Ten Samurai The Ten Samurai zebra Zebra	Ten Samurai The Ten Samurai zebra Zebra