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)LaTeX, so the definition column on the following pages shows the two octets for the UTF-8 character É as ÃĽ, which is how LaTeX sees them. XeLaTeX will treat it as a single token.

1 Unsorted data

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

2 Case-Insensitive Sort

Word	Definition
#define	\#define
#include	\#include
	~
!	!
1 (one)	1\datatoolparenstart (one)
1 (one)	1 (one)
10 (ten)	10\datatoolparenstart (ten)
10 (ten)	10 (ten)
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
100 (one hundred)	100\datatoolparenstart (one hundred)
100 (one hundred)	100 (one hundred)
1st Street	1st Street
1st Street	1st~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
Alpha	Alpha
elephant	elephant
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
Élite	ÃĹlite

3   Case-Sensitive Sort

Word	Definition
#define	`\#define`
#include	`\#include`
	`~`
!	`!`
1 (one)	`1\datatoolparenstart (one)`
1 (one)	`1 (one)`
10 (ten)	`10\datatoolparenstart (ten)`
10 (ten)	`10 (ten)`
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`
100 (one hundred)	`100\datatoolparenstart (one hundred)`
100 (one hundred)	`100 (one hundred)`
1st Street	`1st Street`
1st Street	`1st~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`
High Water	`High Water`
High water	`High water`
London	`London`
London, History of	`London\datatoolsubjectcomma History of`
London, Jack	`London\datatoolpersoncomma Jack`
London, UK	`London\datatoolplacecomma UK`
London, Jack	`London, Jack`
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`
sea lion	`sea lion`
seal	`seal`
zebra	`zebra`
Élite	`ÃĹlite`

4   Word-Order Sort

Word	Definition
	~
!	!
#define	\#define
#include	\#include
1 (one)	1\datatoolparenstart (one)
1 (one)	1 (one)
10 (ten)	10\datatoolparenstart (ten)
10 (ten)	10 (ten)
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
100 (one hundred)	100\datatoolparenstart (one hundred)
100 (one hundred)	100 (one hundred)
1st Street	1st Street
1st Street	1st~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
alpha	alpha
elephant	elephant
High Water	High Water
High water	High water
high water	high water
highwater	highwater
London	London
London, Jack	London\datatoolpersoncomma Jack
London, UK	London\datatoolplacecomma UK
London, History of	London\datatoolsubjectcomma History of
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
Élite	ÃĹlite