

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) $\text{\LaTeX}$ , so the definition column on the following pages shows the two octets for the UTF-8 character  $\text{\text{É}}$  as  $\text{\text{Ã\`{L}}}$ , which is how  $\text{\LaTeX}$  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              | ÃŁlite                                 |

## 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              | ÃŁlite                                 |

### 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              | ÃŁlite                                 |

## 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              | ÃŁlite                                 |