

BibTool Quick Reference Card

for BibTool version 2.65 — see also <http://www.gerd.neugebauer.de/software/Tex/BibTool/>
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Command line options	General	Sorting	
- rsc_command Perform resource command as if given in a file.	resource.search.path = {dir ₁ :dir ₂ ... }	sort = OnOff	check.do.delete = OnOff
-A type Determine key disambiguation. type in 0, a, A,	resource {file}	sort.cased = OnOff	check.rule {field # pattern # message}
-d Check double entries.	bibtex.search.path = {dir ₁ :dir ₂ ... }	sort.reverse = OnOff	check.case.sensitive = OnOff
-f key_format Generate keys according to key_format	bibtex.env.name = {ENV_NAME}	sort.format = {format}	
-F Enable key generation with free key format.	env.separator = {c}	sort.order {...}	Strings
-h Print short help and exit.	dir.file.separator = {c}	sort.macros = OnOff	
-i input_file Mark a file to be processed later.	print {message}		
-k Make keys with the short format.	quiet = OnOff	Searching (Extraction)	macro.file {file}
-K Make keys with the long format.	verbose = OnOff		print.all.strings = OnOff
-o output_file Send the output to output_file.			expand.macros = OnOff
-q Suppress warning messages.			
-r resource_file Read the resource file resource_file.			
-R Load the default resource file now.			
-s Sort the result.			
-S Sort the result in reverse order.			
-v Turn on verbose messages about the actions performed.			
-x aux_file Extract those entries mentioned in aux_file.			
-X regex Extract entries matching regex.			
	</		

Key Generation

```
preserve.keys = OnOff
preserve.key.case = OnOff
key.format = {format}
    special values: short, long, short.need,
    long.need, empty
key.generation = OnOff
default.key = {key}
key.base = base
    values: upper, lower, digit
key.number.separator = {s}
key.expand.macros = OnOff
fmt.name.title = {s}
fmt.title.title = {s}
fmt.name.name = {s}
fmt.inter.name = {s}
fmt.name.pre = {s}
fmt.et.al = {s}
fmt.word.separator = {s}
new.format.type = {n="spec"}
```

Name Formatting Specification

Use n letters. Use m name parts. Insert pre before, mid between, and post after the words. Translate according to the s parameter ('+', '-', '*').

```
%sn.mf[mid][pre][post]
    format first names.
%sn.mv[mid][pre][post]
    format "von" part.
%sn.ml[mid][pre][post]
    format last name.
```

```
%sn.mj[mid][pre][post]
    format "junior" part.
```

Format Specifications

Pseudo fields:

```
$key
$default.key
$sortkey
$source
$type
@type
$day
$month
$mon
$year
$hour
$minute
$second
$user
$hostname
```

Formatting Fields:

```
%±x.y n(field)
    format y characters of x last names.
%±x.y N(field)
    format y characters of x names.
%±x.y p(field)
    format x names according to the name format y.
%±x.y d(field)
    format at most x digits of the  $y^{th}$  number.
%±x.y D(field)
    format x digits of the  $y^{th}$  number without truncation.
%±x s(field)
    format x string characters.
```

```
%±x.y t(field)
    format x sentence words of length y.
%±x.y T(field)
    format x sentence words of length y.
    (Words ignored)
%±x.y w(field)
    format x words of length y.
%±x W(field)
    format x words of length y. (Words ignored)
%±x.y #n(field)
    test whether the number of names is between x and y.
%±x.y #N(field)
    test whether the number of names is between x and y.
%±x.y #p(field)
    test whether the number of names is between x and y.
%±x.y #s(field)
    test whether the number of characters is between x and y.
%±x.y #t(field)
    test whether the number of words is between x and y.
%±x.y #T(field)
    test whether the number of not ignored words is between x and y.
%±x.y #w(field)
    test whether the number of words is between x and y.
%±x.y #W(field)
    test whether the number of not ignored words is between x and y.
```

Libraries

check_y	Check the value of the year.
default	All default settings.
field	Redefine field names.
brace	Use braces as delimiters.
improve	Apply improvements.
iso2tex	Translate ISO 8859/1 characters.
iso_def	Define ISO 8859/1 characters for formatting.
month	Introduce strings for month names.
opt	Remove OPT in field names.
sort_fld	Specify sort order for fields.
tex_def	Define \TeX macros for formatting.
biblatex	Define entry types and fields known to \LaTeX .