

# Caster Quick Reference

## 1. Numbers

numb <0...1m> ..... **print digits**  
word numb <0...9> ..... **print as words**

## 2. Alphabet<sup>a</sup>

|       |       |        |         |        |
|-------|-------|--------|---------|--------|
| alpha | golf  | mike   | santa   | yankee |
| bravo | hotel | nova   | tango   | zulu   |
| carla | india | oscar  | utah    |        |
| delta | julia | papa   | vespa   |        |
| echo  | kilo  | quebec | whiskey |        |
| foxy  | lima  | romeo  | x-ray   |        |

## 3. Punctuation<sup>d</sup>

|                                  |               |                           |    |
|----------------------------------|---------------|---------------------------|----|
| tab                              | TAB           | plus <sup>de</sup>        | +  |
| shin tab                         | ... SHIFT-TAB | minus <sup>de</sup>       | -  |
| ace                              | SPACE         | star   times <sup>d</sup> | *  |
| quote <sup>f</sup>               | "             | divide <sup>d</sup>       | /  |
| chicky <sup>f</sup>   apostrophe | '             | equals <sup>de</sup>      | =  |
| ticky <sup>f</sup>               | `             | bang                      | !  |
| par <sup>bg</sup>                | ()            | question                  | ?  |
| brax <sup>bg</sup>               | []            | atty   at symbol          | @  |
| angle <sup>bg</sup>              | <>            | hashtag                   | #  |
| curly <sup>bg</sup>              | { }           | dollar                    | \$ |
| comma <sup>ce</sup>              | ,             | ampersand                 | &  |
| dot   period <sup>c</sup>        | .             | mod <sup>de</sup>         | %  |
| slash                            | /             | colon                     | :  |
| backslash <sup>f</sup>           | \             | semicolon                 | ;  |
| underscore                       | _             | carrot                    | ^  |
| pipe (sim   symbol)              | ..            | tilde                     | ~  |

## 4. Comparisons

|  |    |
|--|----|
| [is] greater than <sup>d</sup>                   | >  |
| [is] less than <sup>d</sup>                      | <  |
| [is] greater [than] [or] equal [to] <sup>d</sup> | >= |
| [is] less [than] [or] equal [to] <sup>d</sup>    | <= |
| [is] equal to <sup>d</sup>                       | == |

<sup>a</sup>Prefix with "big" for capitals

<sup>b</sup>Left key is pressed after

<sup>c</sup>Space bar is pressed after

<sup>d</sup>Space inserted before and after

<sup>e</sup>Prefix with "short" to not insert space(s)

<sup>f</sup>Prefix with "double" to insert two of these characters

<sup>g</sup>Left or right available by prefixing with "open" or "close"

## 5. Directions

|                    |       |
|--------------------|-------|
| sauce <sup>d</sup> | up    |
| dunce <sup>d</sup> | down  |
| lease <sup>d</sup> | left  |
| ross <sup>d</sup>  | right |

## 6. Editing

|                    |                 |
|--------------------|-----------------|
| clear <sup>d</sup> | <b>bkspc</b>    |
| deli <sup>d</sup>  | <b>del</b>      |
| enter <sup>d</sup> | <b>enter</b>    |
| cancel             | <b>escape</b>   |
| save               | <b>ctrl - s</b> |

## 7. Selection, Movement

|                            |                                   |
|----------------------------|-----------------------------------|
| shackle                    | <b>select line</b>                |
| shin <sup>a b</sup>        | <b>shift - &lt;dir&gt;</b>        |
| queue <sup>a b</sup>       | <b>ctrl - shift - &lt;dir&gt;</b> |
| fly <sup>a b</sup>         | <b>ctrl - &lt;dir&gt;</b>         |
| splat <sup>a b</sup>       | <b>ctrl - del/bkspc</b>           |
| <sup>a</sup> wally         | <b>home/end</b>                   |
| tell sink                  | <b>end + enter</b>                |
| tell dock                  | <b>end + semicolon + enter</b>    |
| kraken                     | <b>ctrl + space</b>               |
| hug <enclose> <sup>e</sup> | <b>encloses target</b>            |

## 8. Copy and Paste

|                        |                             |
|------------------------|-----------------------------|
| copy <sup>c</sup>      | <b>copy</b>                 |
| cut <sup>c</sup>       | <b>cut</b>                  |
| paste <sup>c f</sup>   | <b>paste</b>                |
| grab <sup>c</sup>      | <b>double-click + copy</b>  |
| drop <sup>c</sup>      | <b>double-click + paste</b> |
| duplicate <sup>b</sup> | <b>duplicate line</b>       |

<sup>d</sup>Repeatable by saying number after

<sup>a</sup>Takes optional direction parameter, one of the direction keys from table (5)

<sup>b</sup>Takes optional number parameter for repetition

<sup>c</sup>Takes prekris, brax, curly, angle, [thin] quotes, tickris

<sup>e</sup>Takes optional number parameter, which is used to determine a persistent clipboard slot

<sup>f</sup>Takes optional formatting parameters, e.g. "spark tie"

## 9. Text Formatting

### Capitalisation

|                               |                   |
|-------------------------------|-------------------|
| yell                          | <b>SOME WORDS</b> |
| tie <sup>b</sup> (title case) | <b>SomeWords</b>  |
| camel <sup>b</sup>            | <b>someWords</b>  |
| sing                          | <b>Some words</b> |
| laws                          | <b>some words</b> |

### Spacing

|                    |                   |
|--------------------|-------------------|
| ace (default)      | <b>some words</b> |
| gum   gun          | <b>somewords</b>  |
| kebab              | <b>some-words</b> |
| snake <sup>b</sup> | <b>some_words</b> |
| pebble             | <b>some.words</b> |
| incline            | <b>some/words</b> |
| dissent   descent  | <b>some\words</b> |

Capitalisation and spacing can be combined into a single command. They may be suffixed by "bow" and then dictation to format (ex: "tie snake bow some words") to aid recognition.

Must pause after issuing command. This is not a CCR/merge command.

## 10. Free Dictation - Engine Formatting<sup>c</sup>

|      |                                   |
|------|-----------------------------------|
| say  | <b>default engine formatting</b>  |
| cop  | <b>Initial letter capitalized</b> |
| slip | <b>initial letter lowercase</b>   |

<sup>c</sup>Pass-through text formatting as defined by speech recognition engine.

<sup>b</sup>tie and camel default to gum, snake to laws

## 11. Programming Core<sup>a</sup>

enable <language> ..... **activate module**

|                           |                  |
|---------------------------|------------------|
| iffae                     | lodge and        |
| shells                    | lodge or         |
| shell iffae               | lodge not        |
| switch                    | print to console |
| breaker                   | function         |
| default                   | class            |
| for each                  | add comment      |
| for loop                  | long comment     |
| do loop                   | value not        |
| while loop                | return           |
| convert to integer        | value true       |
| convert to floating point | value false      |
| convert to string         |                  |

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<sup>a</sup>See the CCR languages quick reference in the docs for details of the language specific commands.

## 12. Window Management

minimise win ..... **minimise window**  
maximise win ..... **maximise window**  
dredge <sup>a</sup> ..... **alt + tab**  
switch window ..... **display all windows**  
move window ..... **move with arrow keys**  
window left ..... **snap window to left**  
window right ..... **snap window to right**  
show work ..... **show active workspaces**  
new work ..... **create a new workspace**  
close work ..... **close the current workspace**  
close all work ..... **close all workspaces**  
previous work <sup>a</sup> ..... **go to the previous workspace**  
next work <sup>a</sup> ..... **go to the next workspace**  
go work <n> ..... **go to workspace number n**  
send work <n> . **send the current window to workspace n**  
move work <n> **move the current window to workspace n**

## 13. Repetition

again do ..... **repeat last dictation**  
again <n> times ..... **repeat last dictation\*n**  
record from history ..... **open macro recorder**  
complete ..... **save macro**  
delete recorded macros **delete recorded macros**

## 14. Aliasing

alias <dict> ..... **alias highlighted text**  
chain alias <dict> ..... **alias as CCR**

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<sup>a</sup>Takes an optional number parameter for repetition

## 15. Template-based Navigation

jump in <sup>b</sup> ..... **move cursor inside next ({{<**  
jump out <sup>b</sup> ..... **move cursor past next }}>**  
jump back <sup>b</sup> ... **move cursor inside prev }}>**  
fill <target> <sup>b</sup> .... **highlight <target> in line**

## 16. Mouse Replacement

kick ..... **left click**  
kick mid ..... **middle click**  
psychic ..... **right click**  
shift right click ..... **shift right click**  
shift click ..... **shift click**  
squat ..... **left button down**  
bench ..... **left button up**  
lean ..... **right button down**  
hoist ..... **right button up**  
colic ..... **control left click**  
scree <sup>a</sup> ..... **scroll wheel**  
curse ..... **move cursor by pixels**  
douglas ..... **move cursor on grid**  
rainbow ..... **alternate grid**  
legion ..... **smart text selection**  
left point ..... **mouse to screen left**  
center point ..... **mouse to screen center**  
right point ..... **mouse to screen right**

## 17. Dragon

number/spell/dictation/normal/command  
mode ..... **switch dragon modes**

## 18. Update and Caster Management

clear caster log ..... **Clears Log Window**  
update dragonfly ..... **Updates Dragonfly**  
reboot caster ..... **Restarts Caster**  
caster settings editor ... **Caster settings editor**

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<sup>b</sup>All of these are asynchronous, and can be cancelled with the word "cancel" if the search is taking too long. See *navigation.py* for a full list of targets.

<sup>a</sup>Takes optional direction parameter, one of the direction keys from table (5)

## 19. Example command chains

shackle clear .....  
    **Select and delete the current line**

queue lease stoosh three .....  
    **Store the previous word/variable name  
    in position three**

queue lease three hug brax .....  
    **Enclose the previous three elements in  
    square brackets**

shackle cut dunce four spark .....  
    **Cut the current line, move down four,  
    paste**

shin ross wally clear .....  
    **Select to the end of the line, delete**

ross wally clear four .....  
    **Go to the end of the line, backspace  
    four**

snake variable name .....  
    **variable\_name**

curly quotes arch ross deckle quotes brov .....  
    **{"a":"b"}**

backslash format command curly .....  
    **\command{}**

(python) tell sink print to console spark three ....  
    **new line, print(<third clipboard  
    position>)**