Default operator list

These are all the default tags and math operators you can use in $CO^{W}TCH_{O}OX$, without linking anything.

Tags

`<cowtchoox>`

```
<!cowtchoox />
```

The cowtchoox logo.

`<pagebreak>`

```
<!pagebreak />
```

A page break. The next thing on the document will be placed on the next page.

`<page-number>`

```
<!page-number />
```

Will be replaced by the page number

`<evaluate>`

```
<!evaluate > </evaluate>
```

Will be replaced by the result of the provided js expression (useful to display the current date)

`<figure>`

```
<!figure :caption=""> </figure>
```

A figure with a caption

`<cowtable>`

```
<!cowtable :caption=""> </cowtable>
```

A table with a caption

`<last-tag-value>`

```
<!last-tag-value :name=""/>
```

Will be replaced by the inner content of the last encountered tag with hat name.

`<system>`

```
<!system > </system>
```

A system, with a big opening brace. Make lines with && and align with &.

Math operators

`sqrt`

```
?sqrt{under}
```

$$\sqrt{under}$$

Square root.
`under` : the thing in the square root

`x`

```
?x
```

$$\times$$

Product. (like `\times` in latex) (U+00D7)

`frac` Infix alias `/`

```
?frac{up}{down}
```

$$\frac{up}{down}$$

Horizontal fraction.
`up` : the thing over the bar
`down` : the thing under the bar

`normalfont` Alias `|`

```
?normalfont{inner}
```

inner

Makes inner not use math font.

txt

```
?txt{inner}
```


Same as normalfont, but with additionnal margins.

exponent Infix alias `^`

```
?exponent{before}{inner}
```


Exponent.

subscript Infix alias `_`

```
?subscript{before}{inner}
```


Subscript.

underset Infix alias `__`

```
?underset{middle}{down}
```


Put down under middle.

overset Infix alias `^^`

```
?overset{middle}{up}
```


Put up over middle.

comma Alias `,`

```
?comma
```

,

Properly spaced comma.

equal Alias `=`

```
?equal
```

=

Properly spaced equal.

minus Alias `-`

```
?minus
```

−

A minus sign. (U+2013)

plus Alias `+`

```
?plus
```

+

A plus sign.

forall

```
?forall
```

∀

For all. (U+2200)

exists

```
?exists
```

∃

There exists. (U+2203)

belongsto Alias `€`

```
?belongsto
```

$$\in$$

Belongs to. (U+2208)

`inf`

```
?inf
```

$$\infty$$

Infinity. (U+221E)

`rightarrow` Alias `→`

```
?rightarrow
```

$$\rightarrow$$

Right arrow.

`leftarrow` Alias `←`

```
?leftarrow
```

$$\leftarrow$$

Left arrow. (U+2190)

`longrightarrow` Alias `⟶`

```
?longrightarrow
```

$$\longrightarrow$$

Long right arrow.

`longleftarrow` Alias `⟵`

```
?longleftarrow
```

$$\longleftarrow$$

Long left arrow.

rightdoublearrow Alias ⇒

```
?rightdoublearrow
```


Right double arrow.

leftdoublearrow Alias ≤

```
?leftdoublearrow
```


Left double arrow.

longrightdoublearrow Alias ⟹

```
?longrightdoublearrow
```


Long right double arrow.

longleftdoublearrow Alias ⟸

```
?longleftdoublearrow
```


Long left double arrow.

longleftrightarrow Alias ⟷

```
?longleftrightarrow
```


Long left right arrow.

leftrightdoublearrow Alias ⟺

```
?leftrightdoublearrow
```

Left right double arrow.

longleftrightdoublearrow Alias ⟺

```
?longleftrightdoublearrow
```

$$\longleftrightarrow$$

Long left right double arrow.

un

```
?un{inner}
```

$$\underline{inner}$$

Underlines argument.

simeq Alias ~=

```
?simeq
```

$$\simeq$$

Almost equal. (U+2243)

noteq Alias =/=

```
?noteq
```

$$\neq$$

Not equal. (U+2260)

equiv Alias ~

```
?equiv
```

$$\sim$$

Equivalent / tilde operator. (U+223C)

less Alias <

```
?less
```

<

Less than.

greater Alias `>`

```
?greater
```

>

Greater than.

leq Alias `=<`

```
?leq
```

≤

Less than or equal. (U+2264)

geq Alias `≥`

```
?geq
```

≥

Greater than. (U+2265)

mless Alias `<<`

```
?mless
```

≪

Much less than. (U+226A)

mgreater Alias `>>`

```
?mgreater
```

≫

Much greater than. (U+226B)

abs

```
?abs{inner}
```

$$|inner|$$

Absolute value

v

```
?v{inner}
```

$$\overrightarrow{inner}$$

Put an arrow over the argument, like a vector.

and

```
?and
```

$$\wedge$$

Logical and, or GCD, or cross product (U+2227)

or

```
?or
```

$$\vee$$

Logical or, or LCM (U+2228)

vert-flex

```
?vert-flex{inner}
```

$$inner$$

Creates a vertical flex display. All contained HTML tags will be listed vertically, and horizontally centered

overdot Alias `^.`

```
?overdot{inner}
```

$$\dot{inner}$$

Put a dot over argument.

overddot Alias `^.`

```
?overddot{inner}
```

$$\dot{inner}$$

Put two dots over argument.

overdddot Alias `^...`

```
?overdddot{inner}
```

$$\ddot{inner}$$

Put two dots over argument.

space

```
?space
```

A small inline space

deriv

```
?deriv{up}{down}
```

$$\frac{\mathrm{d}up}{\mathrm{d}down}$$

Derivative (fraction notation)

nderiv

```
?nderiv{up}{down}{pow}
```

$$\frac{\mathrm{d}^{\mathrm{pow}}up}{\mathrm{d}\mathrm{down}^{\mathrm{pow}}}$$

Nth derivative (fraction notation)

cos

```
?cos
```

cos

Cosine function

sin

```
?sin{inner}
```

sin*inner*

Sine function