

# 1 Syntax

`\arrowname[sub-script]{super-script}`

arrowname is `xlongequal`, `xLongleftarrow`, etc.

The parameter `[sub-script]` is optional.

# 2 Examples

$$\backslash xlongequal: \quad A \xlongequal[\text{to love}]{\text{we love}} Z \quad (1)$$

$$\backslash xLongleftarrow: \quad A \xLongleftarrow[\text{to love}]{\text{we love}} Z \quad (2)$$

$$\backslash xLongrightarrow: \quad A \xLongrightarrow[\text{to love}]{\text{we love}} Z \quad (3)$$

$$\backslash xLongleftrightarrow: \quad A \xLongleftrightarrow[\text{to love}]{\text{we love}} Z \quad (4)$$

$$\backslash xLeftrightarrow: \quad A \xLeftrightarrow[\text{to love}]{\text{we love}} Z \quad (5)$$

$$\backslash xlongleftrightarrow: \quad A \xlongleftrightarrow[\text{to love}]{\text{we love}} Z \quad (6)$$

$$\backslash xlongrightarrow: \quad A \xlongrightarrow[\text{to love}]{\text{we love}} Z \quad (7)$$

$$\backslash xleftrightharpoonup: \quad A \xleftrightharpoonup[\text{to love}]{\text{we love}} Z \quad (8)$$

$$\backslash xlongleftarrow: \quad A \xlongleftarrow[\text{to love}]{\text{we love}} Z \quad (9)$$

$$(amsmath) \backslash xleftarrow: \quad A \xleftarrow[\text{to love}]{\text{we love}} Z \quad (10)$$

$$(amsmath) \backslash xrightarrow: \quad A \xrightarrow[\text{to love}]{\text{we love}} Z \quad (11)$$

$$\backslash xlongleftarrow: \quad A \longleftarrow Z \quad (12)$$

$$\backslash xlongrightarrow: \quad A \longrightarrow Z \quad (13)$$

$$(amsmath) \backslash xleftarrow: \quad A \leftarrow Z \quad (14)$$

$$(amsmath) \backslash xrightarrow: \quad A \rightarrow Z \quad (15)$$