`->`	$\xrightarrow{\text{really, really, really long text}}$	$\xrightarrow[\text{below}]{\text{above}}$	$\xrightarrow[K]{\text{g}}$	$\longrightarrow$
`<->`	$\xleftrightarrow{\text{really, really, really long text}}$	$\xleftrightarrow[\text{below}]{\text{above}}$	$\xleftrightarrow[K]{\text{g}}$	$\longleftrightarrow$
`<<->`	$\xleftrightarrow{\text{really, really, really long text}}$	$\xleftrightarrow[\text{below}]{\text{above}}$	$\xleftrightarrow[K]{\text{g}}$	$\twoheadleftarrow\!\!\longrightarrow$
`|=>`	$\xRightarrow{\text{really, really, really long text}}$	$\xRightarrow[\text{below}]{\text{above}}$	$\xRightarrow[K]{\text{g}}$	$\Longmapsto$
`>->`	$\xrightarrow{\text{really, really, really long text}}$	$\xrightarrow[\text{below}]{\text{above}}$	$\xrightarrow[K]{\text{g}}$	$\rightarrowtail$
`|->`	$\xmapsto{\text{really, really, really long text}}$	$\xmapsto[\text{below}]{\text{above}}$	$\xmapsto[K]{\text{g}}$	$\longmapsto$
`<-|`	$\xleftarrow{\text{really, really, really long text}}$	$\xleftarrow[\text{below}]{\text{above}}$	$\xleftarrow[K]{\text{g}}$	$\longmapsfrom$
`<==>`	$\xLeftrightarrow{\text{really, really, really long text}}$	$\xLeftrightarrow[\text{below}]{\text{above}}$	$\xLeftrightarrow[K]{\text{g}}$	$\Longleftrightarrow$
`V-V`	$\xrightarrow{\text{really, really, really long text}}$	$\xrightarrow[\text{below}]{\text{above}}$	$\xrightarrow[K]{\text{g}}$	$\longrightarrow$
`<|-o`	$\xleftarrow{\text{really, really, really long text}}$	$\xleftarrow[\text{below}]{\text{above}}$	$\xleftarrow[K]{\text{g}}$	$\longleftarrow$
`o-o`	$\circ\!\overset{\text{really, really, really long text}}{\rule{10em}{0.4pt}}\!\circ$	$\circ\!\overset{\text{above}}{\underset{\text{below}}{\rule{3em}{0.4pt}}}\!\circ$	$\circ\!\overset{\text{g}}{\underset{K}{\rule{1em}{0.4pt}}}\!\circ$	$\circ\!\rule{2em}{0.4pt}\!\circ$
`^-V`	$\xrightarrow{\text{really, really, really long text}}$	$\xrightarrow[\text{below}]{\text{above}}$	$\xrightarrow[K]{\text{g}}$	$\longrightarrow$