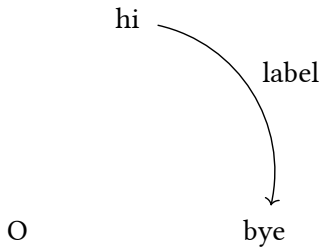


Automatic edge and end points

label
→

label
----->



Symbol arrow aliases

Math	Unicode	Mark	Diagram
\rightarrow	\rightarrow	\rightarrow	\longrightarrow
\leftarrow	\leftarrow	\leftarrow	\longleftarrow
\leftrightarrow	\leftrightarrow	\leftrightarrow	\longleftrightarrow
\Rightarrow	\Rightarrow	\Rightarrow	\Longrightarrow
\implies	?	\Rightarrow	\Longrightarrow
\Leftarrow	?	\Leftarrow	\Longleftarrow
\Leftrightarrow	\Leftrightarrow	\Leftrightarrow	\Longleftrightarrow
\iff	?	\Leftrightarrow	\Longleftrightarrow
\mapsto	\mapsto	\mapsto	$\xrightarrow{\hspace{1cm}}$
\twoheadrightarrow	?	\twoheadrightarrow	\twoheadrightarrow
\llleftarrow	?	\llleftarrow	\llleftarrow
\rightsquigarrow	?	none!	none!
\curvearrowright	?	none!	none!

Demo with tikz-style syntax

$$\begin{array}{ccc}
 G & \xrightarrow{f} & \text{im}(f) \\
 \downarrow \pi & \nearrow \tilde{f} & \\
 G/\ker(f) & &
 \end{array}$$

$$\begin{array}{ccc}
 G & \xrightarrow{f} & \text{im}(f) \\
 \downarrow \pi & \nearrow \tilde{f} & \\
 G/\ker(f) & &
 \end{array}$$

$$\begin{array}{ccc}
 A & \begin{array}{c} \curvearrowright \\ \parallel \\ \curvearrowleft \end{array} & B
 \end{array}$$