Domain Restriction

It is possible to restrict the domain of a mapping to or by a given set of elements

Domain restrictions are written as:

s **<:** m   (restricting domain **to** the set s)

s **<-:** m (restricting domain **by** the set s)

Quick examples:	Results
{1,2} <: {1 |->5,4|->2}	{1|->5}
{3,4} <: {1|->7,2|->4}	{|->}
{1,3} <-: {3|->8,5|->1}	{5|->1}
{2,4} <-: {8|->4,3|->6}	{8|->4,3|->6}

Range Restriction

It is possible to restrict the range of a mapping to or by a given set of elements

Range restrictions are written as:

m **:>** s   (restricting range **to** the set s)

m **:->** s (restricting range **by** the set s)

Quick examples:	Results:
{1 |->5, 4|->2} :> {1,2}	{4 |-> 2}
{1|->7, 2|->4} :> {3,4}	{2 |-> 4}
{3|->8, 5|->1} :-> {1,3}	{3 |-> 8}
{8|->4, 3|->6} :-> {6,4}	{ |-> }