

*Refinement(Navigate([a,b],[x,y]),*

  PRECOND:  $a = x \wedge b = y$

  STEPS: [] )

*Refinement(Navigate([a,b],[x,y]),*

  PRECOND: *Connected([a,b],[a - 1,b])*

  STEPS: [*Left,Navigate([a - 1,b],[x,y])*] )

*Refinement(Navigate([a,b],[x,y]),*

  PRECOND: *Connected([a,b],[a + 1,b])*

  STEPS: [*Right,Navigate([a + 1,b],[x,y])*] )

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