4th Dimension Technical Note #9

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## #9 Double clicking in a scrollable area

5 1		August 26, 1987 March 7, 1988
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## Double clicking in a scrollable area.

Double clicking in a list is a common habbit among Macintosh users. This example shows how to detect two clicks in the same array element, which is not provided for by 4th Dimension. This will only work with scrollable areas.

## Case of

```
:(Before) `Initialize variables
   vTime:=Current Time
   vSel:=""
   vDelay:=2 `Time in seconds between clicks
   MakeArray `A Global Procedure that creates the array
 :(During)
   Case of
     :(Event1) `Misc events, i.e. checking button status,
     :(Event2) `updating the array
   Else
     If((Current time-vTime<vDelay)&(vSel=List))
       Alert("A Double Click has been detected.")
     Else
       vTime:=Current time
       vSel:=List
     End if
   End case
End case
```

*vDelay* controls the delay between clicks, and must be adjusted depending on the amount of code in the During phase. Additional conditions may be added to the **If** statement to filter out any unwanted events, such as button presses. *List* is the array that is constructed once in the Before phase and as needed in the During phases.



## **4th Dimension Technical Note**