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 (
Ä
@$
$üHü

 (
; press {RETURN} to open!
OOÄ
Notes4FW
```

oî
`D $

üHüüHüPleaseà read the DOCUMENTATION sub-frame first...do not worry, the documentation is short...üHü
Read Me First !!!
î
2`

```
D$üHü0
F!
@notesà
{ALT-N}
```

î
D`!#üHü▓Â‖¥ð

selectionàK;   this FRED program will retrieve any notes for this
cell...ü_ü;   it also allows changes and/or additions to the note
areaü_ü; it creates all necessary frames...ü_üü_ü;   ver. 1.0 Wayne Smith
       3 - 11 - 86ü_ü;
===ü_
üü_ü@notes.Main routineü_ü
=========notes
€

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"í_ÍÎsüHüüHâNotesàüHüüHüVersion 1.0üHüMarch 2, 1986üHüüHü(C)Copyright,
1986üHüAll Rights ReservedüHüüHüWayne SmithüHüSmithWare Development
GroupüHüP.O. Box 2535üHüNorthridge, CA 91323üHüüHü(Released to public
domain provided the original source, i.e. SmithWare
Development Group, and documentation remain
intact.)üHüüHüüHüOverviewüHüüHüNotesà is a Framework II program (a FRED
routine) that allows a
spreadsheet user to documentà spreadsheet cells. Notesà automatically
"links" a spreadsheet cell with an accompanying frame. In this way,
users can define, trace, analyze, document, comment upon, and examine
the history of that cell.üHüüHüüHüInstallationàüHüHß1) Put the entire
Notesà frame into your Library cabinet. It is
probably best to keep it at the same level as the Macros,
Abbreviations, User-defined functions, etc.HßHß2) Next, you need to link a
macro key with Notesà. If you wish to
use the one provided, {ALT-N}, put the {ALT-N} frame into your
Macros section of your Library cabinet. {ALT-N} will then run
the Notesà routine.HßHß3)   You can just delete the Read Me First !!!à
frame.HßHßHßOperationàHßàüHüWhen you are in your spreadsheet, tap {ALT-N}.
Notesà will then be put
into action! NOTE: Make sure that you are in ZOOM mode in your
spreadsheet when you tap {ALT-N}, or else Notesà will not work properly!
üHüüHüIF you do not have a containingà frame, Notesà will make one for
you.üHüüHüIF you do not have a Notes sub-frameà, Notesà will make one for
you.üHüüHüIF you do not have a cell sub-sub-frameà, Notesà will make one
for you.üHüüHüIF you HAVE some notes for that cell, Notesà will move to
that frame and
allow you to view/modify it, or whatever. When you are finished, tap
{ALT-N} again, and you will return to your spreadsheet. In other words,
{ALT-N} toggles between your spreadsheet and your notes for that
cell.üHüüHüThat is all there is to it!üHüüHüüHüLimitationsàüHüHß1)   The
Notesà routine takes up about 6K in your Library cabinet.
While that is not a tremendous amount, things can add up rather
quickly in Framework.HßHß2)   A new frame is created for each spreadsheet
cell that you want
to make notes in. This will, of course, take up space in
Framework. Experimentation will show you much extraà memory is
used for the notes you make.HßHß3) There needs to be a containing frame,
because one (1) frame is
needed to hold both the sheetà and the notesà. Notesà will make a
containing frame if one does not exist. However, Notesà has notà
been tested with spreadsheets that are several levels deep. Be
careful...HßHß4)   You need to be in ZOOM mode, because of the way I check
for
frame names. With a little work, you might be able to figure

out a way a better to handle that...üHüüHüüHüAbout Notes, the programàüHüüHüNotesà should be fairly easy to understand for the advanced FRED
"programmer". This routine is primarily based upon the use of @setselection. Also, a good deal of the program is concerned with making a containing frame, a notes frame, and a cell sub-frame. If you were to create those yourself manually beforehand, 20% of the program would be eliminated!üHüüHüAlthough this FRED routine is complete and working 100%, it can be
considered a "skeleton". In this way, you can change or enhance it to your specifications.üHüüHüüHüSHAREWAREà!üHüüHüThis routine is being distributed nationally through the use of
SHAREWARE. If you like this routine, please copy it for friends, and upload it to one or more BBS's. Also, you may send a donation ($5 recommended) to the address below. This will help to insure future and better versions of Notesà.üHüüHüAlso, if you have a better routines or suggestions, please send them to
the address below. I would love to hear from you.üHüüHüüHüENJOY! üHüüHüWayne SmithüHüSmithWare Development GroupüHüP.O. Box 2535üHüNorthridge, CA 91323üHü

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Hü

```
; press {f9} to read !!!
OO


DOCUMENTATION
     ┼╫┼  `
"üHü#FUNCTION
À ;  this is the main routineü ü;
================================================================ü üü ü@loc
alà( newPeriod, lastPeriod )ü ü,ü ü@echoà( #OFF )ü ü,ü üFullCellAddress:=
@setselectionàü ü,ü ü@ifà( @frametypeà( FullCellAddress ) <> 11,
     ; was it a spreadsheet?àü ü        @listà(ü ü
     @setselectionà( previousSheetLocation ),ü ü
@performkeysà( "{f10}{f9}" ),ü ü                    @echoà( #ON ),ü ü
        @returnà( 0 )ü ü                )ü ü    )
     ; IF in a NOTE frame, return to the spreadsheet!àü ü,ü ünewPeriod:=
0,ü ü@whileà( newPeriod <> #N/A!,ü ü             lastPeriod:=
newPeriod,ü ü          newPeriod:= @scanà( ".", FullCellAddress,
newPeriod + 1 )ü ü    ),ü ücell:= @midà( FullCellAddress,ü ü
     lastPeriod + 1, @lenà( FullCellAddress ) -
lastPeriod )ü ü,ü ü@performkeysà( "{uplevel}" ),ü üsheetName:=
@setselectionà,ü üà,ü ü@ifà( @isdocumentà,ü ü        @listà(ü ü
        @performkeysà( "{ctrl-c}eTEMP!{return}" ),ü ü
     @setselectionà( sheetName ),ü ü
     @performkeysà( "{f7}" ),ü ü
     @setselectionà( "TEMP!" ),ü ü                 @performkeysà( "{dnlevel}
{return}{f10}"ü ü                             & "sheet{return}"ü ü
                           & "{uplevel}" & sheetName &
"{return}"ü ü                        ),ü ü
     sheetName:= sheetName & ".sheet",ü ü
     FullCellAddress:= sheetName & "." & cellü ü
      )ü ü   )ü ü,ü ücontainingFrame:= @midà( FullCellAddress, 1,
@scanà( ".", FullCellAddress ) - 1 )ü ü,ü üpreviousSheetLocation:=
FullCellAddressü ü,ü ünotesFrame:= containingFrame &
".notes"ü ü,ü ü@ifà( @iserrà( @setselectionà( notesFrame )),ü ü
     @listà(ü ü                      @setselectionà( sheetName ),ü ü
        @performkeysà( "{ctrl-c}enotes{return}" )ü ü           )ü ü   )
                              ; create a NOTES sub-frame, if it did
not existàü ü,ü ü@ifà( @iserrà( @setselectionà( notesFrame & "." &
cell )),ü ü        @listà(ü ü
     @setselectionà( notesFrame ),ü ü
     @ifà( @frametypeà( notesFrame ) = 8,          ; is it an empty frame?
àü ü                         @performkeysà( "{ctrl-dnlevel}" ),ü ü
               @performkeysà( "{dnlevel}{ctrl-c}e" )ü ü
     ),ü ü                  @performkeysà( cell & "{return}"ü ü
                         & "{home}{f6}{end}{ctrl-l}a"ü ü
              )ü ü       )ü ü   )
; create a CELL sub-frame, if it did not
```

```
existàü_ü,ü_ü@setselectionà( notesFrame & "." &
cell ),ü_ü@performkeysà( "{f9}" )                ; and finally, let him
view/modify
it...àü_ü,ü_ü@echoà( #ON )ü_ü,ü_ü@erasepromptà,ü_ü@promptà( "Tap {ALT-N}
when finished...", 25 )ü_ü,ü_ü@returnà( 0 )ü_ü
ALT-N}
```

Main routine
░`
"üHüàtest.sheet.A1
A1

t.C4
00
░previousSheetLocation
▓┤`
"   üHüàNotes_FW.[{ALT-N}]
sult: à┤FullCellAddress
Â   ©`
"
üHüàtest

©containingFrame
‖⌐`
"üHüàtest.sheet

⌐   sheetName
¥L`
"

```
üHüàA1
00
 └cell
ðG`
"
üHüàtest.notes

G
notesFrame
```