HyperCard: Calculating Interval Between Two Dates (7/92)

TOPIC --

Here's a handler that calculate the number of days, hours, and
minutes between any two dates.

DISCUSSION ---

1) Create five fields, one for the first date, one for the second date,
   and the other three for days, hours and minutes.

2) Use the following handler:

```
on mouseUp
  global numdays,numhours,numminutes,temp
  put "" into cd fld 3
  put "" into cd fld 4
  put "" into cd fld 5
  put cd fld 1 into firstdate
  put cd fld 2 into seconddate
  convert firstdate to seconds
  convert seconddate to seconds
  put seconddate - firstdate into temp
  --how many days worth of seconds
  put 24 * 60 * 60 into secdays
  put temp div secdays into numdays
  put numdays & "days" into cd fld 3
  --check for hours
  put temp-secdays*numdays into temp
  if temp = 0 then put "0 hours" into cd fld 4
  if tem >0 then
    put 60*60 into sechours
    put temp div sechours into numhours
    put numhours & "hours" into cd fld 4
    --check for minutes
    put temp-sechours*numhours into temp
  end if
  if temp=0 then put "0 minutes" into cd fld 5
  if temp > 0 then
    put 60 into secminutes
```

```
    put temp div secminutes into numminutes
    put numminutes & " minutes" into cd fld 5
  end if
end mouseUp
```

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