
Subject: Re: SPLIT numbers into sub-numbers
Posted by [k_ghreep](#) on Sat, 23 Jun 2012 22:08:02 GMT
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On Jun 23, 11:13 pm, Carsten Lechte <c...@toppoint.de> wrote:

> On 23/06/12 03:45, Kenneth P. Bowman wrote:

>

>> year = 0

>> month = 0

>> day = 0

>> READS, ts, year, month, day, FORMAT = "(I4,2I2)"

>

> Nice, I had not thought of that.

>

> My first idea was:

>

> num = 20100115L ; very important: force LONG integer type!

> y = num/10000

> m = (num-y*10000)/100

> d = num - y*10000 - m*100

> print, num, y, m, d

>

> ==> 20100115 2010 1 15

>

> chl

for the following array

20100101	20100101	20100101	20100101	20100102
20100102	20100102	20100102	20100103	20100103
20100103	20100103	20100104		

I wrote

```
y=lonarr( n_elements(num))
```

```
m =lonarr( n_elements(num))
```

```
d =lonarr( n_elements(num))
```

```
for i = 0, n_elements(num)-1 do begin
```

```
num(i)=num(i)+0L
```

```
y(i) = num(i)/10000
```

```
m(i) = (num(i)-y(i)*10000)/100
```

```
d(i) = num(i) - y(i)*10000 - m(i)*100
```

```
print, num(i), y(i), m(i), d(i)
```

```
endfor
```

and now ran correctly with the following output

20100101	2010	1	1
20100101	2010	1	1

20100101	2010	1	1
20100101	2010	1	1
20100102	2010	1	2
20100102	2010	1	2
20100102	2010	1	2
20100102	2010	1	2
20100103	2010	1	3
20100103	2010	1	3
20100103	2010	1	3
20100103	2010	1	3
20100104	2010	1	4

thank you for your helping
