

## Crystal Reports Technical Document

Subject: PADDING DATES WITH ZEROS FOR MONTHS AND DAYS LESS THAN 10  
Date: Sept 16, 1993  
Versions: 1.0, 2.0(Std), 2.0(Pro), VB

### Situation:

When the following formula is used

```
newdate := ToText(Year ({bookord.Date}))+ToText(Month({bookord.Date}))+ToText(Day({bookord.Date})),
```

the values that are returned are dependant upon what month or day it is. The various combinations are:

OUTPUT	(Year, Month, Day)
199311	(1993, 1, 1)
1993118	(1993, 11, 8)
1993416	(1993, 4, 16)
19931224	(1993, 12, 24)

If a group is created on this formula and then sorted, it will not work properly.

### Solution:

To solve this problem, a formula which puts zeros in for months and days less than 10 is needed. The following represents such a formula:

```
StringVar newdate;
```

```
newdate := ToText(Year ({bookord.Date}))+ToText(Month({bookord.Date}))+ToText(Day({bookord.Date}));
```

```
if Day({bookord.Date}) < 10 and Month({bookord.Date}) < 10 then
```

```
  newdate := newdate[1 to 4] + "0" + newdate[5] + "0" + newdate[6]
```

```
else
```

```
  if Day({bookord.Date}) < 10 and Month({bookord.Date}) > 9 then
```

```
    newdate := newdate[1 to 6] + "0" + newdate[7]
```

```
  else
```

```
    if Day({bookord.Date}) > 9 and Month({bookord.Date}) < 10 then
```

```
      newdate := newdate[1 to 4] + "0" + newdate[5 to 7]
```

```
    else
```

```
      newdate;
```

```
newdate
```

Remarks:

**{file name}**