

## 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}**