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}