

## Crystal Reports Technical Document

**Subject:** Runtime Requirements for Crystal Reports for Visual Basic  
**Date:** July 28, 1993  
**Versions:** VB 3.0

### Situation:

As a registered user of Crystal Reports, you are allowed to distribute a runtime version of the Crystal Reports print engine with your Visual Basic applications at no charge. The following is an overview of runtime requirements. All of the files listed below have been installed in the \VB\REPORT directory, or the directory you indicated, upon installation of Visual Basic.

### Solution:

CRYSTAL.VBX  
CRPE.DLL Interface to the print engine  
COMMDLG.DLL Help with printer selection, etc.  
PDIRJET.DLL Crystal's Access Engine DLL  
PDBJET.DLL Crystal Access Engine DLL  
PDCTJET.DLL Crystal's Access Engine DLL  
MSAJT110.DLL Microsoft Access Engine DLL  
MSAES110.DLL Microsoft Access Engine DLL  
MSABC110.DLL Microsoft Access Engine DLL  
CTL3D.DLL Microsoft Access Engine DLL  
VB.INI Visual Basic initialization file  
CRXLATE.DLL include this file only if you are going to use the  
ToWords(x) or ToWords(x, # places) functions in your reports.

### Database--specific requirements

The following files are necessary for their respective databases. If your application will not be reporting on one or more of these databases, then you need not include the files for the databases that will not be used:

#### **ODBC**

PDSODBC.DLL Crystal ODBC DLL  
ODBC.DLL Microsoft ODBC DLL  
ODBCINST.DLL Microsoft ODBC DLL  
ODBC.INI ODBC initialization file  
ODBCINST.INI SQL through ODBC initialization file

#### **SQL Server**

SQLSRVR.DLL SQL Server through ODBC DLL  
DBNMP3.DLL

#### **Oracle**

ORA6WIN.DLL We do not ship this DLL

PDX110.DLL Paradox DLL  
XBS110.DLL dBASE DLL  
BTRV110.DLL Btrieve DLL

#### **VBRUNT.DOC**

**NOTE:** Please check your development tool's manual to see if there are additional tool-specific requirements.

## **WHERE TO INSTALL THE VARIOUS FILES**

### CRPE files

All of the print engine files should be placed in the same directory. It is required that you place these CRPE and database DLL files someplace where Windows can find them. When Windows tries to load the CRPE.DLL it will look first in the current directory, then in the \WINDOWS\ directory, then in the \WINDOWS\SYSTEM\ directory, and finally in the PATH.

### Report files

The location you select for report files should be the same as you have specified for your ReportFileName property.

### Database Files

We recommend that you set the database location to be "Same as Report". This will tell the CRPE print engine to look in the same directory as the report file for the database files. Again, if it does not find the database files in this directory, CRPE will look for the database files in the Windows directory, then in the Windows system directory, and finally in the path.

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**NOTE:** Please check the manual for your development tools to see if there are additional tool--specific requirements.