

Crystal Reports 8.5

Installing Crystal Reports Run-time Libraries for IBM Rational ClearQuest, v2003.06.00

Overview

This document explains the process for installing the Crystal Reports run-time libraries on ClearQuest Windows client machines.

This document was written by Rational Software to aid customers.

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Introduction

With Rational ClearQuest version 2003.06.00 and later, Crystal Reports must be installed separately from ClearQuest itself. You need to install Crystal Reports run-time libraries on each Rational ClearQuest Windows client machine on which you want to run and view reports.

NOTE	For ClearQuest clients on Windows, you must acquire Crystal Reports 8.5 Developers Edition and comply with the terms and conditions of the licensing agreement.
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Installing Crystal Report Run-time Files

The process involves the following steps:

- Acquire Crystal Reports 8.5 Developer's Edition.
- Copy a selected group of files from the Crystal Reports installation media to each "target" machine on which you want to run and view reports from the Rational ClearQuest version 2003.06.00 Windows client software.
- On each target machine, use the regsvr32 command to make selected registry entries.

To install Crystal Reports run-time libraries on target machines that will be running Rational ClearQuest version 2003.06.00 clients, follow these steps:

1. For ClearQuest clients on Windows, acquire the installation media for Crystal Reports 8.5 Developer's Edition.
2. On each machine that will be running the Rational ClearQuest version 2003.06.00 client software (the "target" machines), verify that the following folders exist, or else create them:

\\Program Files\\Seagate Software\\Shared

\\Program Files\\Seagate Software\\Report Designer Component

\\Program Files\\Seagate Software\\Viewers\\ActiveXViewer

\\System Folder\\Crystal

\\System Folder \\System32

NOTE	The System Folder has a different name in different versions of Windows. For example, on Windows XP System, the System Folder is Windows, while on Windows 2000 it is named WINNT.
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3. Find the files listed in Table 1 on the Crystal Reports installation media in the folder \ProgramF\SEAGAT~1\Shared, and copy them to the \Program Files\Seagate Software\Shared folder on the target machine.

Table 1

File	Location on Media	Location on Target Machine	Registration
CDO32.DLL	\ProgramF\SEAGAT~1\Shared	\PROGRAM FILES\SEAGATE SOFTWARE\SHARED	Yes
PG32CONV.DLL	\ProgramF\SEAGAT~1\Shared	\PROGRAM FILES\SEAGATE SOFTWARE\SHARED	No
RULE1.DFA	\ProgramF\SEAGAT~1\Shared	\PROGRAM FILES\SEAGATE SOFTWARE\SHARED	No
RULE1.LLR	\ProgramF\SEAGAT~1\Shared	\PROGRAM FILES\SEAGATE SOFTWARE\SHARED	No
S2SQLPRS.DLL	\ProgramF\SEAGAT~1\Shared	\PROGRAM FILES\SEAGATE SOFTWARE\SHARED	No
SSCSDK80.DLL	\ProgramF\SEAGAT~1\Shared	\PROGRAM FILES\SEAGATE SOFTWARE\SHARED	No

4. Find the files listed in Table 2 on the Crystal Reports installation media in the folder \ProgramF\SEAGAT~1\RDC, and copy them to the \Program Files\Seagate Software\Report Designer Component folder on the target machine.

Table 2

File	Location on Media	Location on Target Machine	Registration
CRAXDRT.DLL	\ProgramF\SEAGAT~1\RDC	\PROGRAM FILES\SEAGATE SOFTWARE\REPORT DESIGNER COMPONENT	Yes
CRAXDRT_RES_EN.DLL	\ProgramF\SEAGAT~1\RDC\CRAHDR~1.DLL	\PROGRAM FILES\SEAGATE SOFTWARE\REPORT DESIGNER COMPONENT	No

5. Find the file listed in Table 3 on the Crystal Reports installation media in the folder \ProgramF\SEAGAT~1\Viewers\Active~1\Instal~1\, and copy it to the \Program Files\Seagate Software\ActiveXViewer folder on the target machine.

Table 3

File	Location on Media	Location on Target Machine	Registration
CRVIEWER.DLL	\ProgramF\SEAGAT~1\Viewers\Active~1\Instal~1\	\PROGRAM FILES\SEAGATE SOFTWARE\VIEWERS\ACTIVEXVIEWER	Yes

6. Find the files listed in Table 4 on the Crystal Reports installation media in the folder \Windows\Crystal, and copy them to the \System Folder\Crystal folder on the target machine.

NOTE	The System Folder has a different name in different versions of Windows. Use the one appropriate for the target machine.
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Table 4

File	Location on Media	Location on Target Machine	Registration
CRXLAT32.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2BACT.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2BACT3.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2BBDE.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2BBTRV.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2BXBSE.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2CTBTRV.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2IRACT.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2IRACT3.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2IXBSE.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2LDB2.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2LIFMX.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2LODBC.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2LORA7.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2LSQL.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2LSYB10.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SACL.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SDB2.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SEXSR.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SFS.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SIFMX.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SMAPI.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SMCUBE.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SMSIIS.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SNOTE.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SOLAP.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SOLEDB.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SORA7.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SOUTLK.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SREPL.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SSQL.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SSYB10.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2STRACK.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
P2SWBLG.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U252000.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U25DTS.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2DAPP.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2DDISK.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2DMAPI.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2DNOTES.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2DPOST.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2DVIM.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2FCR.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2FDIF.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2FHHTML.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2FODBC.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2FRDEF.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2FREC.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2FSEPV.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2FTEXT.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2FWKS.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2FWORDW.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2FXLS.DLL	\\Windows\Crystal	\\System Folder\Crystal	No
U2L2000.DLL	\\Windows\Crystal	\\System Folder\Crystal	No

U2LCOM.DLL	\\Windows\\Crystal	\\System Folder\\Crystal	No
U2LDTS.DLL	\\Windows\\Crystal	\\System Folder\\Crystal	No
U2LEXCH.DLL	\\Windows\\Crystal	\\System Folder\\Crystal	No
U2LFINRA.DLL	\\Windows\\Crystal	\\System Folder\\Crystal	No
U2LSAMP1.DLL	\\Windows\\Crystal	\\System Folder\\Crystal	No

7. Find the files listed in Table 5 on the Crystal Reports installation media in the folder \\Windows\\System32, and copy them to the \\System Folder\\Crystal folder on the target machine.

NOTE	The System Folder has a different name in different versions of Windows. Use the one appropriate to the target machine.
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Table 5

File	Location on Media	Location on Target Machine	Registration
CPEAUT32.DLL	\\Windows\\SYSTEM32	\\System Folder\\SYSTEM32	Yes
CRPAIG80.DLL	\\Windows\\SYSTEM32	\\System Folder\\SYSTEM32	No
CRPE32.DLL	\\Windows\\SYSTEM32	\\System Folder\\SYSTEM32	No
CRWRAP32.DLL	\\Windows\\SYSTEM32	\\System Folder\\SYSTEM32	No
CRYSTL32.OCX	\\Windows\\SYSTEM32	\\System Folder\\SYSTEM32	Yes
IMPLODE.DLL	\\Windows\\SYSTEM32	\\System Folder\\SYSTEM32	No
P2BDAO.DLL	\\Windows\\SYSTEM32	\\System Folder\\SYSTEM32	No
P2CTDAO.DLL	\\Windows\\SYSTEM32	\\System Folder\\SYSTEM32	No
P2IRDAO.DLL	\\Windows\\SYSTEM32	\\System Folder\\SYSTEM32	No
P2SMON.DLL	\\Windows\\System 32	\\System Folder\\SYSTEM32	No
P2SODBC.DLL	\\Windows\\SYSTEM32	\\System Folder\\SYSTEM32	No

8. On each target machine used for the ClearQuest client software, use the **regsvr32** command to make five registry entries with the full pathname, as follows:

a. From the Start menu, click **Start** and then click **Run**.

b. In the Run box, enter the following command and full pathname, and click **OK**.

```
regsvr32 "C:\Program Files\Seagate Software\Report Designer Component\craxdrt.dll"
```

c. Repeat the previous step with the following entries:

```
regsvr32 "C:\Program Files\Seagate Software\Report Designer Component\craxdrt.dll"
```

```
regsvr32 "C:\Program Files\Seagate Software\Viewers\ActiveXViewer\crviewer.dll"
```

```
regsvr32 "C:\Program Files\Seagate Software\Shared\Cdo32.dll"
```

```
regsvr32 C:\WINNT\system32\Crystl32.OCX
```

```
regsvr32 C:\WINNT\system32\cpeaut32.dll
```

NOTE

The system file path will be different with Windows 2000 and Windows XP systems. For example, the WINNT applies to Windows 2000.