

IBM solidDB Universal Cache

Version 6.3

Quick Start Guide

This guide gets you started with a typical installation for IBM solidDB Universal Cache, Version 6.3.



Product overview

IBM® solidDB® Universal Cache is a solution for speeding up traditional disk-based SQL data servers by way of one or more solidDB in-memory database instances caching the data traffic between the applications and the data servers. IBM InfoSphere™ Change Data Capture (InfoSphere CDC) technology is used to implement the data replication between the solidDB and data server instances.

The IBM solidDB Universal Cache 6.3 product is composed of solidDB and InfoSphere CDC components that need to be installed separately.

1 Step 1: System requirements



See the detailed system requirements at the solidDB Web pages: <http://www.ibm.com/software/data/soliddb/soliddb/sysreqs.html>.

2 Step 2: Access your software and documentation



Locate the software installation and documentation packages listed below.

If you are downloading the packages from an IBM Web site, select and download the relevant software packages for you platform, as well as the documentation packages.

If you are installing the packages from physical media, each package is delivered as a separate DVD. On each package, navigate to the installation file for you platform.

- IBM solidDB 6.3
- IBM solidDB 6.3 Documentation

Note: in physical media deliveries, the solidDB Documentation package is included in the Quick Start DVD.

- InfoSphere Change Data Capture v6.3 solidDB
- InfoSphere Change Data Capture Management Console and Access Server v6.3

Note: there are separate installers for Management Console and Access Server.

- IBM InfoSphere Change Data Capture v6.3 for *the back-end data server in your setup*
- InfoSphere Change Data Capture v6.3 Documentation

3 Step 3: Install IBM solidDB



1. **Install Java™ Runtime Environment (JRE) or Java Development Kit (JDK), version 1.4.2 or newer, if not already installed.** This is needed to run the installer. **Note:** On Linux® systems, GNU Compiler for Java (GCJ) is not supported.
2. **Install the software.**
 - On Windows® systems run the .exe product image file to execute the Windows installer.
 - On UNIX® or Linux systems run the appropriate .bin product image file to execute the installer.
3. **Open the Welcome-page in the installation directory of your solidDB package and read the Release Notes and other documentation.**
4. **Enable the use of samples.** In order to be able to run samples, each of the sample run directories must contain a license file. solidDB includes an evaluation license that is valid for 90 days. To copy the license file into all appropriate sample directories, execute the script called copy_licenses.bat (Windows) or copy_licenses.sh (UNIX or Linux).
5. **Check that your CLASSPATH environment variables have been set to include the JDBC driver .jar file.** When you install solidDB, the solidDB JDBC Driver file (SolidDriver2.0.jar) is copied into the 'jdbc' directory. However, the installer may not set the CLASSPATH environment variable for your environment.

4 Step 4: Install documentation packages



1. Unzip the solidDB Documentation package into a location of your choice.

Note: To access the solidDB English version manuals in PDF format through the Welcome page of the solidDB package, unzip the PDF files into the 'manuals' directory in the solidDB installation directory.

2. Install the InfoSphere CDC documentation according to instructions in the InfoSphere CDC Documentation package.

5 Step 5: Install InfoSphere CDC for IBM solidDB and InfoSphere CDC for your back-end data server



- On Windows systems run the .exe product image file to execute the Windows installer.
- On UNIX or Linux systems run the appropriate .bin product image file to execute the installer.

Note: At the end of installation, the installer prompts you to configure an InfoSphere CDC instance. Do not select to configure a new instance at this point. Instead, continue with the installation of the other InfoSphere CDC components and after you have installed all components, follow the configuration instructions in the *IBM solidDB Universal Cache User Guide* (included in the solidDB Documentation package).

6 Step 6: Install InfoSphere CDC Access Server and InfoSphere CDC Management Console



- On Windows systems run the .exe product image file to execute the Windows installer.
- On UNIX or Linux systems run the appropriate .bin product image file to execute the install script.

7 Step 7: Locate your documentation



IBM solidDB and InfoSphere CDC for IBM solidDB: open the Welcome-page in the installation directory of your solidDB package and read the Release Notes and other documentation. Locate also the solidDB user manuals you downloaded, or, alternatively, access the solidDB user guides in online format in the solidDB Information Center at <http://publib.boulder.ibm.com/infocenter/soliddb/v6r3/>.

InfoSphere CDC Management Console and InfoSphere CDC Access Server: locate the documentation you downloaded, or alternatively, access the documentation in the installation directory of your InfoSphere CDC Management Console.

InfoSphere CDC for your back-end data server: locate the documentation you downloaded, or alternatively, access the documentation in the installation directory of your InfoSphere CDC for the back-end data server.

8 Step 8: Configure your environment



Follow the steps in the *IBM solidDB Getting Started Guide* to configure solidDB. After configuring solidDB, follow the steps in the *IBM solidDB Universal Cache User Guide* to configure the solidDB Universal Cache system.

More information



For additional information, visit the solidDB Web pages at <http://www.ibm.com/software/data/soliddb/soliddb/>.

