Release Bulletin
Software Developer's Kit 12.5.1
for Microsoft Windows

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1. Accessing current release bulletin information

A more recent version of this release bulletin may be available on the Web. To check for critical product or document information added after the release of the product CD, use the Sybase Technical Library Product Manuals Web site.

    v   **Accessing release bulletins at the Technical Library Product Manuals Web site**

1   Go to Product Manuals at http://www.sybase.com/support/manuals/.

2   Follow the links to the appropriate Sybase product.

3   Select the Release Bulletins link.

4   Select the Sybase® product version from the Release Bulletins list.

5   From the list of individual documents, select the link to the release bulletin for your platform. You can either download the PDF version or browse the document online.

2. Product summary

Enclosed is the Software Developer's Kit (SDK) version 12.5.1 for Microsoft Windows, which is compatible with the following platform and operating system configurations:

- Windows NT 4.0 Service Pack 6a or later

- Windows 2000 Service Pack 3 or later

- Windows 2003 Service Pack 1 or later

- Windows XP

Sybase has tested and certified the following compilers and linkers for use with SDK and Open Server products:

- Microsoft 32-Bit C/C++ Optimizing Compiler, version 12.00.8804

- Microsoft 32-Bit Executable Linker, version 6.00.8447

Note SDK is included with each Adaptive Server® Enterprise purchase on a separate CD. To install SDK as part of the Adaptive Server Enterprise, follow the steps in the Adaptive Server Enterprise *Installation Guide*.

To install SDK separately, follow the instructions in the Software Developer's Kit and Open Server *Installation Guide* version 12.5.1 for Microsoft Windows platforms.

2.1 Product components

This section summarizes the functionality in the SDK version 12.5.1. For more information about each component, see the individual documents listed in "Product documents" on page 4.

- Open Client™/C version 12.5.1 – an API, a set of libraries used to develop and deploy C-language applications that access Adaptive Server data. Included on the installation CD are:

  - Drivers for integrating Client-Library™ and Open Server™ applications with DCE directory and security services

  - Sample programs for Client-Library and DB-Library™

- Open Client Embedded SQL™/C version 12.5.1 – the pre-compiler that allows you to embed Transact-SQL® statements into C-language applications.

- Open Client Embedded SQL/COBOL version 12.5.1 – the pre-compiler that allows you to embed Transact-SQL statements into COBOL-language applications.

- Language modules – provide system messages and datetime formats to help you localize your applications. Default installation includes:

  - U.S. English language module

  - Unicode UTF-8 encoding (utf8)

  - IBM code page 850 (cp850)

  - IBM code page 437 (cp437)

  - Apple Macintosh Roman (mac)

  - ISO 8859-1 (iso_1)

  - Hewlett-Packard Roman 8 (roman8) character sets

  You can purchase additional language modules through Sybase.

- Open Database Connectivity (ODBC) version 4.2

- OLEDB version 2.7

- ASE ADO.NET Data Provider version 1.0 – allows you to access data in ASE using any language supported by .NET, such as C#, Visual Basic.NET, C++ with managed extensions, and J#.

- jConnect™ for JDBC™ version 5.5 – the Java implementation of the Java JDBC standard, which provides Java developers with native database access in multitier and heterogeneous environments. For jConnect hardware and software requirements as well as installation instructions, refer to the *Installation Guide* for jConnect for JDBC.

- Java Runtime Environment (JRE) 1.3.1 – the runtime environment required by jConnect for JDBC.

2.2 Product documents

After the product files have been installed on your machine, you can find installation and configuration information in these related documents:

To install/configure	See
Open Client version 12.5.1	• *Release Bulletin* for Open Client and Open Server version 12.5.1 for your platform contains important last-minute information about Open Client and Open Server products.
	• *Installation Guide* for SDK and Open Server version 12.5.1 for Microsoft Windows contains information for installing your SDK and Open Server products.
	• Open Client and Open Server *Configuration Guide* for Windows contains information about configuring your system to run Open Client and Open Server products.
	• Open Client Client-Library *Reference Manual* contains reference information for Open Client Client-Library.
	• Open Client Client-Library *Programmer's Guide* contains information on how to design and implement Client-Library programs.
	• Open Client and Open Server Common Libraries *Reference Manual* contains reference information for CS-Library. CS-Library is a collection of utility routines that are useful in both Client-Library and Server-Library applications.
	• Open Client and Open Server *Programmer's Supplement* contains platform-specific information for programmers using Open Client and Open Server products, including:
	• Compiling and linking an application
	• Sample programs that are included online with Open Client and Open Server products
	• Routines that have platform-specific behaviors
Open Client Embedded SQL/C version 12.5.1	Open Client Embedded SQL/C *Programmer's Manual* version 12.5.1 describes how to embed Transact-SQL statements into C-language applications.

To install/configure	See
Open Client Embedded SQL/COBOL version 12.5.1	Open Client Embedded SQL/COBOL *Programmer's Manual* version 12.5.1 describes how to embed Transact-SQL statements into COBOL-language applications.
Language modules	Language module installation guide for your language contains specific information about your language modules.
ODBC version 4.2	Adaptive Server Enterprise ODBC Driver *Installation Guide*; for additional information, refer to the DataDirect Web site at www.datadirect.com.
OLEDB version 2.7	Adaptive Server Enterprise OLEDB Provider *Installation Guide*; for additional information, refer to the DataDirect Web site at www.datadirect.com.
ASE ADO.NET Data Provider	ASE ADO.NET Data Provider's *User's Guide* version 1.0 provides information for you to access data in ASE using any language supported by .NET, such as C#, Visual Basic.NET, C++ with managed extensions, and J.
jConnect for JDBC version 5.5	• *Release Bulletin* for jConnect for JDBC version 5.5 contains important last-minute information about jConnect. • jConnect for JDBC *Installation Guide* contains instructions for installing jConnect.

2.3 Installing SDK

For installation requirements, pre-installation instructions, and installation instructions for SDK, refer to the Software Developer's Kit and Open Server *Installation Guide* version 12.5.1 for Windows.

Note These instructions do not apply to the SDK or Open Server products that are provided with the Adaptive Server Enterprise CD.

3. Special installation instructions

For instructions to install the products that are part of this SDK, refer to the individual software installation instructions in the documents identified in "Product documents" on page 4.

4. Changed functionality in this version

Changed functionality for Software Developer's Kit and jConnect is described in the release bulletins. See the *Release Bulletin for Open Client and Open Server version 12.5.1 for Windows* and *Release Bulletin for Sybase jConnect for JDBC version 5.5* for your platform.

5. Known problems

Known problems are listed in the release bulletins. See the *Release Bulletin* for Open Client and Open Server version 12.5.1 for Windows and *Release Bulletin* for Sybase jConnect for JDBC version 5.5 for your platform.

6. Product compatibilities

Product compatibilities are listed in the release bulletins. See the *Release Bulletin* for Open Client and Open Server version 12.5.1 for Windows, and the *Release Bulletin* for jConnect for JDBC version 5.5 for your platform.

7. Documentation updates and clarifications

Document updates and clarifications are listed in the release bulletins. See the *Release Bulletin* for Open Client and Open Server version 12.5.1 for Microsoft Windows and *Release Bulletin* for Sybase jConnect for JDBC version 5.5 for your platform.

8. Technical support

Each Sybase installation that has purchased a support contract has one or more designated people who are authorized to contact Sybase Technical Support. If you have any questions about this installation or if you need assistance during the installation process, ask the designated person to contact Sybase Technical Support or the Sybase subsidiary in your area.

9. Other sources of information

Use the Sybase Getting Started CD, the Sybase Technical Library CD and the Technical Library Product Manuals Web site to learn more about your product:

• The Getting Started CD contains release bulletins and installation guides in PDF format, and may also contain other documents or updated information not included on the Technical Library CD. It is included with your software. To read or print documents on the Getting Started CD you need Adobe Acrobat Reader (downloadable at no charge from the Adobe Web site, using a link provided on the CD).

- The Technical Library CD contains product manuals and is included with your software. The DynaText reader (included on the Technical Library CD) allows you to access technical information about your product in an easy-to-use format.

  Refer to the *Technical Library Installation Guide* in your documentation package for instructions on installing and starting the Technical Library.

- The Technical Library Product Manuals Web site is an HTML version of the Technical Library CD that you can access using a standard Web browser. In addition to product manuals, you will find links to EBFs/Updates, Technical Documents, Case Management, Solved Cases, newsgroups, and the Sybase Developer Network.

  To access the Technical Library Product Manuals Web site, go to Product Manuals at http://www.sybase.com/support/manuals/.

9.1 Sybase certifications on the Web

Technical documentation at the Sybase Web site is updated frequently.

v   **Finding the latest information on product certifications**

1   Point your Web browser to Technical Documents at http://www.sybase.com/support/techdocs/.

2   Select Products from the navigation bar on the left.

3   Select a product name from the product list and click Go.

4   Select the Certification Report filter, specify a time frame, and click Go.

5   Click a Certification Report title to display the report.

v   **Creating a personalized view of the Sybase Web site (including support pages)**

Set up a MySybase profile. MySybase is a free service that allows you to create a personalized view of Sybase Web pages.

1   Point your Web browser to Technical Documents at http://www.sybase.com/support/techdocs/.

2   Click MySybase and create a MySybase profile.

9.2 Sybase EBFs and software updates

v **Finding the latest information on EBFs and software maintenance**

1   Point your Web browser to the Sybase Support Page at
    http://www.sybase.com/support.

2   Select EBFs/Maintenance. Enter user name and password information, if
    prompted (for existing Web accounts) or create a new account (a free
    service).

3   Select a product.

4   Specify a time frame and click Go.

5   Click the Info icon to display the EBF/Maintenance report, or click the
    product description to download the software.