

Release Bulletin Software Developer's Kit 12.5.1 for UNIX

Document ID: DC74860-01-1251-02

Last revised: January 2006

Topic	Page
1. Accessing current release bulletin information	1
2. Product summary	2
2.1 Product components	3
2.2 Product documents	4
2.3 Installation of SDK	5
3. Special installation instructions	5
4. Changed functionality in this version	5
5. Known problems	6
6. Product compatibilities	6
7. Documentation updates and clarifications	6
8. Technical support	6
9. Other sources of information	6
9.1 Sybase certifications on the Web	7
9.2 Sybase EBFs and software maintenance	8

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 product release, use the Sybase Product Manuals Web site.

❖ Accessing release bulletins at the Sybase 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 UNIX, which is compatible with the following platform and operating system configurations:

- HP Tru64 UNIX version 5.0a or later (64-bit)
- HP 9000/800 HP-UX version 11.0 or later (32-bit and 64-bit)
- HP Itanium HP-UX version 11.23 (32-bit and 64-bit)
- IBM RS/6000 AIX versions 4.3.3 (32-bit) and 5.1 (64-bit)
- Linux on POWER (32-bit and 64-bit)
- Sun Solaris 8 (SPARC 32-bit and 64-bit)
- Sun Solaris 9 x86 (32-bit)
- Sun Solaris 10 x64 (Opteron 64-bit)
- Linux RedHat AS 2.1 or United Linux/SuSe SLES 8.0/UL1.0 (32-bit)
- Linux Itanium RedHat AS 2.1 (64-bit)
- SGI IRIX version 6.5.18 or later (32-bit and 64-bit)

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 UNIX platforms.

2.1 Product components

This section describes the functionality in 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 and 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 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 – provides system messages and datetime formats to help you localize your applications. The 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.

- 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) version 1.3.1 – the runtime environment required by jConnect for JDBC.

2.2 Product documents

After the product files are installed on your machine, you can find configuration and other information in the following related documents. Refer to the *Technical Library Installation Guide* in your documentation package for instructions on installing and starting the Technical Library.

Table 1: Related documents for installing and configuring individual components

To install/configure	See
Open Client version 12.5.1	<i>Release Bulletin</i> for Open Client and Open Server version 12.5.1 for UNIX contains important last-minute information about Open Client and Open Server products.
	<i>Installation Guide</i> for SDK and Open Server version 12.5.1 for UNIX provides instructions for installing your Open Client and Open Server products.
	Open Client and Open Server <i>Configuration Guide</i> version 12.5.1 for your UNIX platform contains information about configuring your system to run Open Client and Open Server products.
	Open Client Client-Library <i>Reference Manual</i> version 12.5.1 contains reference information for Open Client Client-Library.
	Open Client Client-Library <i>Programmer's Guide</i> version 12.5.1 contains information on how to design and implement Client-Library programs.
	Open Client and Open Server Common Libraries <i>Reference Manual</i> version 12.5.1 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 Embedded SQL/C version 12.5.1	Open Client and Open Server <i>Programmer's Supplement</i> version 12.5.1 for UNIX contains platform-specific information for programmers using Open Client and Open Server products, including: <ul style="list-style-type: none"> • 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 <i>Programmer's Manual</i> version 12.5.1 describes how to embed Transact-SQL statements into C-language applications.
Open Client Embedded SQL/COBOL version 12.5.1	Open Client Embedded SQL/COBOL <i>Programmer's Manual</i> version 12.5.1 describes how to embed Transact-SQL statements into COBOL-language applications.

To install/configure	See
Language modules	Language module installation guide for your language contains specific information about your language modules.
jConnect 5.5	<ul style="list-style-type: none"> • <i>Release Bulletin</i> for Sybase jConnect for JDBC version 5.5 contains important last-minute information about jConnect. • jConnect for JDBC <i>Installation Guide</i> version 5.5 provides installation instructions for installing jConnect.
XA	<ul style="list-style-type: none"> • XA-Library 11.1.1 <i>Installation and Bulletin</i> for HP-UX contains important last-minute information and installation instructions for HP-UX. • XA-Library 11.1.1 <i>Installation and Bulletin</i> for IBM RISC System/6000 contains last-minute information and installation instructions for IBM RISC System/6000. • XA-Library 11.1.1 <i>Installation and Bulletin</i> for Sun Solaris 2.x and above contains last-minute information and installation instructions for Sun Solaris.

2.3 Installation of 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 UNIX.

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 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 for JDBC is described in the release bulletins. See the *Release Bulletin* for Open Client and Open Server version 12.5.1 for UNIX and *Release Bulletin* for 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 UNIX 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 UNIX, and the *Release Bulletin* for Sybase 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 UNIX and *Release Bulletin* for Sybase jConnect for JDB 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 SyBooks CD, and the Sybase 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 SyBooks CD. It is included with your software. To read or print documents on the Getting Started CD, you need Adobe Acrobat Reader, which you can download at no charge from the Adobe Web site using a link provided on the CD.
- The SyBooks CD contains product manuals and is included with your software. The Eclipse-based SyBooks browser allows you to access the manuals in an easy-to-use, HTML-based format.

Some documentation may be provided in PDF format, which you can access through the PDF directory on the SyBooks CD. To read or print the PDF files, you need Adobe Acrobat Reader.

Refer to the *SyBooks Installation Guide* on the Getting Started CD, or the *README.txt* file on the SyBooks CD for instructions on installing and starting SyBooks.

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

To access the Sybase 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.

❖ 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.

❖ Finding the latest information on component certifications

- 1 Point your Web browser to Availability and Certification Reports at <http://certification.sybase.com/>.
- 2 Either select the product family and product under Search by Product; or select the platform and product under Search by Platform.
- 3 Select Search to display the availability and certification report for the selection.

❖ 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 maintenance

❖ 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. If prompted, enter your MySybase user name and password.
- 3 Select a product.
- 4 Specify a time frame and click Go. A list of EBF/Maintenance releases is displayed.

Padlock icons indicate that you do not have download authorization for certain EBF/Maintenance releases because you are not registered as a Technical Support Contact. If you have not registered, but have valid information provided by your Sybase representative or through your support contract, click Edit Roles to add the “Technical Support Contact” role to your MySybase profile.

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