

Borland® Kylix™ 3

Frequently Asked Questions

General

What is Borland® Kylix™ 3?

Borland® Kylix™ 3 is a high-performance C++ and Delphi™ language solution for rapidly creating database, GUI, Web, and Web Services applications for Linux.® Compatibility with Borland C++Builder™ Studio and Delphi Studio enables seamless cross-platform Linux and Windows® development, while the power of CLX™ (Component Library for Cross-platform) facilitates reliable, high-performance applications.

How is Kylix 3 packaged?

Kylix 3 comes in three editions—Enterprise, Professional, and Open.

Kylix 3 Enterprise includes all of the major features of Kylix 3:

- Kylix 3 Enterprise provides both ANSI/ISO C++ and Delphi language programming—two powerful object-oriented languages in one development solution!
- Get the tools you need to deliver GUI, database, Web, and Web Services applications quickly and easily.
- Using the power of component-based development with Borland CLX™ (Component Library for Cross-platform) technology, build reliable high-performance applications rapidly.
- Use Kylix 3 to build native applications for Linux that can be easily recompiled and delivered on the Windows platform for improved application marketability and availability.

Build SOAP/XML Web Service-enabled e-business applications fast with BizSnap.™

- Integrate corporate information into your applications easily with dbExpress™ high-speed database drivers for popular databases such as Borland InterBase,® IBM® DB2® and Informix,® Oracle,® Red Hat® Database and PostgreSQL, and MySQL.™

With Kylix 3 Professional, a developer can:

- Kylix™ 3 Professional provides both ANSI/ISO C++ and Delphi language programming—two powerful object-oriented languages in one development solution!
- Get the tools you need to deliver GUI, database, and Web applications quickly and easily.
- Using the power of component-based development with Borland CLX (Component Library for Cross-platform) technology, build reliable high-performance applications rapidly.
- Use Kylix 3 to build native applications for Linux that can be easily recompiled and delivered on the Windows platform for improved application marketability and availability.

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- Rapidly build industry-standard Web Services consumers using XML, XSL, SOAP, WSDL, and more.
- Integrate corporate information into your applications easily with dbExpress™ high-speed database drivers for popular databases such as InterBase, MySQL, Red Hat Database and PostgreSQL.

Kylix 3 Open Edition makes developing applications easy:

- Kylix 3 Open Edition provides both ANSI/ISO C++ and Delphi language programming—two powerful object-oriented languages in one development solution. True drag-and-drop visual development. Develop Linux open-source GPL applications faster with two high-performance native code compilers in one solution. With the intuitive visual design environment of Kylix, create powerful Linux GUI applications faster than with other development tools. Get solutions to market faster with FreeCLX,™ a GPL-licensed version of CLX technology.

Can I use Kylix 3 with other Borland products?

Yes. Kylix 3 is compatible with Borland C++Builder™ Studio and Delphi™ Studio, thereby allowing components to be shared among all three environments. Kylix 3 also enables integration into Borland VisiBroker® 4.5 and Borland® Enterprise Server to build Web Services and rich GUI clients. Kylix 3 continues full database support for InterBase.

How do I order Kylix 3?

Borland is a worldwide organization with offices in Europe, South America, Asia Pacific, and the United States. To find the office nearest you (or to order online), please visit http://www.borland.com/company/contact/where_to_buy.html.

Where can I learn more about Kylix?

Find more information on the Borland Web site at <http://www.borland.com/kylix>. The Borland Community site has newsgroups, Kylix developer information, and more at <http://bdn.borland.com>.

Technical

What development languages does Kylix 3 support?

Once installed, Kylix 3 delivers two separate IDEs—one for use with the Delphi language and one that supports C/C++. This support enables Kylix developers to provide solutions in the language that suits them or the language that is appropriate for the given project. Both IDEs take advantage of the sophisticated CLX architecture and each has corresponding support for cross-platform development with a Borland product for the Windows platform: Delphi language with Delphi Studio, and C/C++ with C++Builder Studio.

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Is Kylix 3 a cross-platform development environment?

Yes. Kylix 3 shares the same CLX (Component Library for Cross-platform) library and designers as Borland C++Builder Studio and Delphi Studio for Windows. CLX-based applications and source code developed in Kylix 3 can be recompiled in C++Builder and Delphi.

Does Kylix 3 integrate with the Borland® Enterprise Server?

Yes. Kylix 3 now supports Borland Enterprise Server. Build high-performance rich GUI clients and publish industry-standard SOAP/XML Web Services for EJBs built with Borland JBuilder™ that are running in Borland Enterprise Server.

What version of VisiBroker does Kylix 3 support?

Kylix 3 supports Borland VisiBroker 4.5.

Does Kylix 3 support both client and server CORBA® development?

With the Kylix support for VisiBroker™ 4.5, developers can easily integrate enterprise applications using Kylix wizards to import and export CORBA interfaces with the Delphi language compiler. (VisiBroker 4.5 and C++ libraries are scheduled to be available to registered customers as a free download.)

How does Kylix 3 support SOAP Web Services and WSDL?

Kylix 3 Enterprise supports the creation and consumption of industry-standard Web Services through its BizSnap technology. Kylix 3 Professional supports the consumption of industry-standard Web Services.

BizSnap uses WSDL, the Web Services Description Language, as its standard for building an interface to services constructed in or used by Kylix 3. Developers save time by automatically generating WSDL for services built within Kylix and importing WSDL from available external services.

How does Kylix 3 support SOAP?

SOAP Web Services are supported natively in Kylix 3 Enterprise at the compiler level. Since SOAP is supported at such a low level, Kylix handles the SOAP protocol in a way that is invisible to the developer. Web Services used and produced in Kylix 3 benefit from timesaving features—design-time CodeInsight,™ compile-time data type-checking, and runtime debugging.

What databases are supported in Kylix 3?

Oracle, IBM DB2 and Informix, Red Hat Database and PostgreSQL, MySQL, and InterBase are all supported right out of the box (drivers for Oracle9i,™ Informix, Informix SE, and DB2 are included in Kylix Enterprise Edition only).

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Which Linux distributions do Kylix and Kylix-generated applications support?

Kylix and Kylix-generated applications support Red Hat 7.2, Mandrake™ 8.2, and SuSE® 7.3. Borland is establishing self-certification programs with other Linux vendors; announcements will be made upon vendor certification.

Can I build stand alone executable GUI applications in C++?

Yes. With Kylix 3 you can rapidly build natively compiled Linux GUI applications with drag-and-drop ease and the power of C++ behind the application.

Does Kylix 3 contain a full C/C++ compiler?

Yes. Kylix 3 includes both a Delphi language and C/C++ language compiler to generate native Linux executables.

Can I use standard Linux development tools along with Kylix 3?

Yes. For example, use build tools such as Make files or Ant, and editors such as vi or Emacs.

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