



Artix™

Artix Connect Release Notes

Version 3.0, June 2005

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Features in Artix Connect 3.0

The main features of Artix Connect 3.0 are:

- Fully integrated with the Microsoft Visual Studio .NET 2003 development environment.
- Supports all of the transports and protocols supported by Artix Standard, including SOAP over HTTP, CORBA and IIOP. This enables a .NET developer to access existing services deployed on any of Artix supported middleware platforms from their .NET environment.
- An Artix Connect wizard that can be launched from within the Microsoft Visual Studio .NET 2003 development environment. The wizard enables a .NET developer to select the WSDL contract for the service to which the .NET client needs to connect, and from the WSDL contract it generates the required .NET metadata and client starting point code. This can all be done from within the .NET development environment.
- A `wSDLtoDotNet` command-line tool that a .NET developer can use to generate .NET metadata from a WSDL contract.
- Supports a WSDL to .NET mapping that follows the Microsoft WSDL to .NET mapping as close as is possible. This enables .NET applications that use Microsoft Web services to communicate with a remote object to switch to using Artix Connect with as little code change as possible.
- Support for callbacks.
- Support for all WSDL types described in the *WSDL to .NET Mapping* chapter in the [Artix Connect User's Guide](#).

Known Problems

The following are known problems in this release:

- [Destination install directory name cannot contain space](#)
- [You must run artix_env to set runtime environment](#)
- [Running artix_env script in runtime version gives error](#)
- [Running artix_env.bat does not set JETVMPROP](#)
- [Artix Connect wizard always generates code](#)

Destination install directory name cannot contain space

Do not install Artix Connect to a directory where the name contains a space; for example `c:\Program Files\IONA`. This bug will be fixed in the next release.

You must run artix_env to set runtime environment

The installer does not allow you to set the required environment variables when you are installing the runtime-only version of the product. The installation process does not change the environment or update the `PATH`. To use the runtime version, you must call `artix_env.bat` in each command window.

Running artix_env script in runtime version gives error

If you install the runtime-only version of Artix Connect, running the `artix_env.bat` script will give an error.

You can ignore this error as long as the `PATH` environment variable has been updated to include the Artix `bin` directories and the following environment variables have been set:

- `IT_PRODUCT_DIR`
- `IT_CONFIG_DOMAINS_DIR`
- `IT_LICENSE_FILE`
- `IT_DOMAIN_NAME`

You can check that the variables have been set by running the following from a command prompt:

- `set IT`
- `set PATH`

Running `artix_env.bat` does not set `JETVMPROP`

If you use `artix_env.bat` to set your environment, you must set `JETVMPROP` manually. See the “Setting the variables manually” section in the [Install Guide](#) for more detail.

Artix Connect wizard always generates code

The Artix Connect wizard will always generate starting point code, even if you have deselected the **Generate starting point C# client code** check box.

You can simply delete the generated `.cs` file from your .NET Studio project using the Solution Explorer.

Reporting Problems

Contact customer support at <http://www.iona.com/support/contact/>.

Other Resources

If you need further help please use the following resources:

- [Artix TechZone](http://www.iona.com/devcenter/artix) (<http://www.iona.com/devcenter/artix>) is a free online forum where IONA developers, your peers and other professionals come to share tips on Artix Web Services development. Visit the Artix TechZone today to start making the most of your Artix development experience.
- [IONA University](http://www.iona.com/info/services/ps/) (<http://www.iona.com/info/services/ps/>) delivers practical and insightful courses that cover technical and product issues as well as standards-based best practices gleaned from real-world projects.
- [IONA Professional Services](http://www.iona.com/info/services/consulting/) (<http://www.iona.com/info/services/consulting/>) provide product expertise and consulting solutions that empower end-users, system integrators and software vendors with the knowledge to fully leverage IONA products. Together, IONA consultants and products equip you with a single platform for integrating and developing extremely reliable, scalable and secure e-business systems.

- [IONA Security Mailing List](mailto:security-alert@iona.com) (security-alert@iona.com): The mailing list provides security updates associated with all IONA products. To receive security updates from IONA send mail to listserver@iona.com with no subject and the body text `subscribe security-alert youremail`.

Note: Please do not try to post queries to this e-mail alias; it has been set up only to notify you of security alerts.

- [Online Documentation](http://www.iona.com/support/docs/index.xml) (<http://www.iona.com/support/docs/index.xml>): The latest updates to the Artix Connect documentation are posted online.
- [Knowledge base articles](http://www.iona.com/support/index.xml) (<http://www.iona.com/support/index.xml>): A database that contains practical advice on specific development issues, contributed by IONA developers, support specialists, and customers.