



Artix Connect for WCF

Release Notes

Version 1.0
May 2008

Making Software Work Together™

Release Notes

IONA Technologies

Version 1.0

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Release Notes

Summary

This chapter lists any bug fixes, known issues, and points you to resources that you can use to help you when using Artix Connect for WCF.

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What is Artix Connect for WCF?

Artix Connect for WCF integrates Microsoft's new .NET communication technology, Windows Communication Framework (WCF), with many diverse middleware and messaging technologies. It offers you, as a .NET developer, the ability to communicate with systems developed using these technologies without having to leave your Visual Studio environment or without being forced to use unfamiliar techniques.

This release offers connectivity to Java Messaging Service (JMS) queues and topics, and to CORBA services. Connectivity to Enterprise Java Beans (EJBs) will be made available in a future release.

New Features

New features since Beta

Artix Connect for WCF 1.0 includes the following new features:

- Ability to send any kind of data over JMS, allowing the user to have complete control over the JMS message payload.
- No more reboots after installation of the product.
- Support for Windows Server 2003.
- Completely overhauled wizard interface provides greater usability.
- New Service Bundle Deployment feature allows you to silently deploy your developed application to many client machines
- Enhanced support for CORBA features such as factory-generated references, corbaloc/corbaname URLs, and more.
- Enhanced support for JMS, including XML payload formats, binary messages, and more.
- Improved Artix Administration tool provides powerful control over the Artix Service.
- New samples that demonstrate the advanced features of the CORBA and JMS integrations

Bugs Fixed, Known Issues and Reporting Problems

Bugs fixed since beta

The following bugs have been fixed in the 1.0 release:

- [MSFT-140] - Error when generated port type has duplicate name.
- [MSFT-150] - Uninstaller leaves behind elements in machine.config.
- [MSFT-202] - Not possible to rename service.
- [MSFT-236] - Need to get service to start without requiring a reboot.
- [MSFT-242] - Add undeployment to wizard.
- [MSFT-370] - Can't add IDL files that contain multiple IDL interfaces.
- [MSFT-388] - Seems to be no way to provide corbaloc or corbaname URI or IOR.
- [MSFT-400] - Use the XML binding for JMS endpoints.
- [MSFT-418] - Fix installer rollback sequencing.
- [MSFT-419] - Allow user to use to switch to use a JMS impl without changing the system CLASSPATH or having to restart their machine.
- [MSFT-448] - Add Factory pattern CORBA demo.
- [MSFT-449] - Remove reboot requirement after product installation.
- [MSFT-450] - Update JMS to allow passthru binding to be used.
- [MSFT-484] - JMS UI rework.
- [MSFT-495] - Got 'Invalid SOAP fault' error on exception from CORBA server.
- [MSFT-548] - Should derive WCF service name from the IDL file name, not from interfaces within it.

Known Issues

The following are the known issues that apply to Artix Connect for WCF 1.0:

1. Windows Vista is not yet supported. Support for Windows Vista will be added in a future release.

Bugs Fixed, Known Issues and Reporting Problems

2. Artix Connect for WCF does not yet support Visual Studio 2008. This is because the Microsoft LOB Adapter does not yet support Visual Studio 2008.
3. Artix Connect for WCF can contact only one type of JMS broker on your system at a time. You can contact different instances of the same type of broker on different machines, but you cannot, for example, contact an ActiveMQ broker and SonicMQ broker from the same application at the same time. This is due to the fact that the Java JMS class names are standardized and the JVM inside the Artix Service can only load one instance of those classes at a time. This will be fixed in a future release.

Reporting Problems

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

Other Resources

If you need further help please use the following resources:

IONA communities

IONA Communities (<http://communities.iona.com/>) is a forum for discussion and providing feedback to IONA engineers, product managers, and support staff. It provides an easy way to propose product ideas, raise concerns, post use cases, and discuss future product plans.

IONA training services

IONA Training Services (<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 consulting

IONA Consulting (<http://www.iona.com/info/services/consulting/>) provides product expertise and consulting solutions that empower end-users, system integrators and software vendors with the knowledge to fully leverage IONA products.

Online documentation

Online Documentation (<http://www.iona.com/support/docs/index.xml>): The latest updates to the Artix documentation are posted on-line.

IONA Knowledge Base

Knowledge base articles (<http://www.iona.com/support/kb/>): A database that contains practical advice on specific development issues, contributed by IONA developers, support specialists, and customers.

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