



Discover the Future of CORBA

OpenFusion CORBA Services 5.0.2

[Readme](#)

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2021-04-19

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Micro Focus OpenFusion CORBA Services

5.0.2 Release Notes

The OpenFusion range of CORBA Services are accepted as the best fully-compliant implementations of the main Common Object Services (COS) available. Micro Focus's CORBA Services are used and deployed across business domains by some of the largest companies in the world. Our products support both the C++ and Java development communities and offer unrivalled interoperability with other leading distributed architectures and technologies such as J2EE and XML.

The OpenFusion CORBA Services v5.0.2 release contains the components described below.

- **Log Service:** The Telecom Log Service is a decoupled and scalable CORBA-based logging and querying service.
- **Notification Service:** The Notification Service is a decoupled and scalable CORBA-based messaging service for reliably and efficiently transmitting events in a distributed computing environment.
- **Naming Service:** The Naming Service provides a convenient and efficient means of locating (and using) objects which reside in a CORBA-based distributed computing environment.
- **Trading Service:** The Trading Service enables objects residing in a CORBA-based distributed computing environment to be conveniently located using the objects capabilities instead of its name: it is useful alternative to the Naming Service or JNDI.
- **Time Service:** The Time Service is useful for obtaining and manipulating the current time and associated time intervals. It is often used in conjunction with other services, such as the Notification Service, when performing time-based tasks.
- **Graphical and Command-line Tools:** A useful collection of both GUI and command-line tools for administering and managing the various OpenFusion services.

Installation

In previous releases of OpenFusion, the OpenFusion CORBA Services and OpenFusion JacORB were included in the same installer. As of this release, OpenFusion JacORB and OpenFusion CORBA Services have separate installers. Both products are installed using a Java-based *Setup* program. These programs can be run using a Graphical User Interface (GUI Mode) or from the command line (Command Line Mode) which enables the installation to be run from a script.

If you intend to use OpenFusion CORBA Services with OpenFusion JacORB, you should install OpenFusion JacORB first, and then install CORBA Services in the same directory. See the ***OpenFusion CORBA Services Product Guide*** for full installation instructions for both products.

Supported Database Plugins, JDKs, Operating Systems, and ORBs

This section details the database plugins, JDKs, operating systems and processors, and ORBs that are supported by this release.

Supported Database Plugins

- HSQLDB 1.8.1.1
- Informix 9.4 & 10
- Oracle 9i & 10g

Supported JDKs

- Oracle JDK 6, 7 & 8
- OpenJDK 6, 7 & 8

Supported Operating Systems and Processors

Operating System	Operating System Version	Processor
Red Hat Enterprise Linux	6.x	Intel x86-64
Red Hat Enterprise Linux	7.x	Intel x86-64
Solaris	10.x	Intel x86-64
Solaris	10.x	SPARC
Solaris	11.x	Intel x86-64
Solaris	11.x	SPARC
SUSE Linux Enterprise Server	12.x	Intel x86-64
Windows	7	Intel x86-x64
Windows	8.1	Intel x86-x64
Windows	10	Intel x86-x64
Windows Server 2008	R2	Intel x86-x64
Windows Server 2012	R2	Intel x86-x64

Supported ORBs

- JacORB 3.7.1
- VisiBroker 8.5 SP1

New Features

The changes made to OpenFusion CORBA Services at version 5.0.2 are listed below. Note that bug fixes are listed in the [Resolved Issues](#) section.

- OpenFusion CORBA Services is rebuilt with OpenJDK.

User Documentation

New documentation released with this Service Pack is available online, from <https://supportline.microfocus.com/productdoc.aspx>.

Known Issues

For known issues with OpenFusion CORBA Services, see the *Known Issues* section of the release documentation that is installed as part of the product, available at `/docs/Services/html/knownIssues.html`.

Resolved Issues

The resolved issues that customers have reported are listed in this section. The numbers that follow each issue are the Reported Problem Incident number followed by the Customer Incident Numbers (in parentheses). RPIs that have numbers only (and no text) are included to confirm that the RPIs have been fixed, since no further information is required.

Issues Resolved in this Release

- Added a new service-level configuration property, `DelayStartInit`, to control how the reactivation of CORBA objects is performed in relation to initializing the ORB and POA. The default value is `false`, maintaining the original behavior of initializing the ORB and POA first and then reactivating service objects. If set to `true`, this sequence is reversed, reactivating the service objects before initializing the ORB and POA. Note that this setting only affects the Notification Service.

See the *Common Configuration Properties* chapter of the **OpenFusion CORBA Services System Guide** for details of the property.

1105099 (2855888)

- Open Fusion CORBA Services were shipped with `xalan.jar` version 2.7.1, which is impacted by an Apache CVE-2014-0107 security vulnerability. This is now replaced by `xalan.jar` version 2.7.2, removing the vulnerability.

1104121 (2857898)

- JacORB 3.7.0 supports Java 7.x and 8.x on Red Hat Enterprise Linux.

1096095 (2792787)

- Descriptions of the following parameters have been added to the *Common Configuration Properties* chapter of the **OpenFusion CORBA Services System Guide**:

- `DB.Type`
- `DB.File.Dir`
- `DB.JDBC.CheckpointInterval`
- `DB.HSQLDB.DefaultDir`
- `StatusFile`

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- Rebranding to Micro Focus.

Updates and SupportLine

Our Web site gives up-to-date details of contact numbers and addresses.

Further Information and Product Support

Additional technical information or advice is available from several sources. The product support pages contain a considerable amount of additional information, such as:

- The Software Licenses and Downloads (SLD) website at <https://sld.microfocus.com/mysoftware/index> is where you can download products and patches for them. A user ID and password are required to access the Software Licenses and Downloads website.

To obtain a user ID and password, sign up online or contact Customer Support by email or telephone.

- The Knowledge Base, a large collection of product tips and workarounds.
- Examples and Utilities, including demos and additional product documentation.

To connect, enter <https://www.microfocus.com> in your browser to go to the Micro Focus home page.

Note: Some information may be available only to customers who have maintenance agreements.

If you obtained this product directly from Micro Focus, contact us as described on the Micro Focus Web site, www.microfocus.com. If you obtained the product from another source, such as an authorized distributor, contact them for help first. If they are unable to help, contact us.

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