



Discover the Future of CORBA

Micro Focus[®] | CORBA[®] Add-on for REST 1.1.0

Release Notes

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Micro Focus® CORBA® Add-on for REST 1.1.0 Release Notes

These release notes contain information about the Micro Focus® CORBA® Add-on for REST 1.1.0 release. They contain information that might not appear elsewhere in the documentation. Read them in their entirety before you install the product.

Installing CORBA® Add-on for REST

For detailed instructions on installing this product, see the ***CORBA® Add-on for REST Installation and User Guide***.

This guide is available from <https://www.microfocus.com/documentation/corbaaddons/>. In case of any difficulty, check the documentation link provided in the "Other Resources" section.

CORBA HotFixes

Micro Focus® CORBA® Add-on for REST 1.1.0 is complemented by HotFixes for the following Micro Focus CORBA products:

- Orbix 6.3.11 or later
- VisiBroker 8.5.6 or later

The installation wizard for the CORBA® Add-on for REST guides you through the HotFix installation process. You can verify the HotFix by running the following version checks on the IDL compiler.

VisiBroker

From a VisiBroker 8.5 environment, run the IDL C++ or Java compiler with the `-version` flag, as shown in the following example (which is for Java):

```
C:\MicroFocus\VisiBroker\bin>idl2java -version
Borland VisiBroker for Java
[08.05.00.P6_REST4CORBA01_DECO17712] (APR 15 2020
11:15:13) [XFEIDL]
Borland VisiBroker for Java [08.05.00.P6] (APR 17
2020 19:42:09) [XBEJAV]
```

Orbix 6

From an Orbix 6 environment run the IDL compiler with the `-V` flag:

```
C:\> idl.exe -V
IDL Compiler Version 6.3.11_(REST_FOR_CORBA_V1.1)
```

Migration from Previous Versions

To upgrade to Micro Focus® CORBA® Add-on for REST 1.1.0 from existing version 1.0 installations:

- Back up your existing installations before you upgrade.
- Run the new installer and install in the previous installation directory to upgrade. See the **CORBA® Add-on for REST Installation and User Guide** for details of the installer.

New Features

Micro Focus® CORBA® Add-on for REST 1.1.0 includes the following new features and enhancements:

- [OpenAPI support](#)
- [HTTP Cross-Origin Resource Sharing \(CORS\) Support](#)

OpenAPI support

CORBA Add-on for REST now supports generating an OpenAPI model from the annotated IDL file. This model can be used for integration with a wide variety of OpenAPI tooling.

See the chapter *Open API Support* in the **Micro Focus® | CORBA® Add-on for REST 1.1.0 Installation and User Guide** for details.

HTTP Cross-Origin Resource Sharing (CORS) Support

CORBA Add-on for REST now supports Cross-Origin Resource Sharing (CORS) to provide support for Javascript-powered REST clients running in web browsers.

See the chapter *Advanced HTTP Integration* in the **Micro Focus® | CORBA® Add-on for REST 1.1.0 Installation and User Guide** for details.

Platforms and Compilers

For a full list of platforms and compilers supported by Micro Focus® CORBA® Add-on for REST 1.1.0, see <http://supportline.microfocus.com/prodavail.aspx>

Known Issues

Micro Focus® CORBA® Add-on for REST may be affected by the following known issues:

- [IDL supported constructs](#)
- [Mapping limitations](#)

IDL supported constructs

The OMG Interface Definition Language (IDL) Minimum CORBA Profile, as defined in the IDL v4.2 specification, is supported.

The following IDL constructs are not supported:

- Valuetypes
- Any
- Native
- Abstract and local interfaces
- The CORBA Component Model (CCM)

See the IDL v4.2 specification for more details, at <https://www.omg.org/spec/IDL/4.2>.

Mapping limitations

This release of Micro Focus® CORBA® Add-on for REST does not support mapping between CORBA callbacks and REST APIs. REST clients are intended to communicate to remote HTTP servers using synchronous request/reply messaging, where requests flow from client to server and replies flow from server to client. Mapping CORBA callbacks to REST would require inverting the message flows between HTTP clients and servers.

Other Resources

The following additional resources are available:

- For the latest information on supported platforms and compilers, see <http://supportline.microfocus.com/prodavail.aspx>
- The most up-to-date versions of CORBA® Add-on for REST technical documentation are available at: <https://supportline.microfocus.com/productdoc.aspx>
- The Orbix and VisiBroker Knowledge Bases are databases of articles that contain practical advice on specific development issues, contributed by developers, support specialists, and customers. These are available at:
 - <https://community.microfocus.com/t5/Orbix-Knowledge-Base/tkb-p/wikiid-155>
 - <https://community.microfocus.com/t5/VisiBroker-Knowledge-Base/tkb-p/wikiid-137>
- Contact Micro Focus technical support at: <http://www.microfocus.com>