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CORBA Add-on for REST Release Notes

V1.1

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1. CORBA Add-on for REST 1.1 Release Notes

These release notes contain information about the Rocket Software 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.

2. 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.

2.1 CORBA HotFixes

Rocket Software 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.

2.2 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]
```

2.3 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)
```

3. New Features

3.1 Migration from Previous Versions

To upgrade to Rocket Software 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.

Rocket Software CORBA Add-on for REST 1.1.0 includes the following new features and enhancements:

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

3.2 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 **Rocket Software | CORBA Add-on for REST 1.1.0 Installation and User Guide** for details.

3.3 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 *Rocket Software CORBA Add-on for REST 1.1.0 Installation and User Guide* for details.

4. Known Issues

Rocket Software CORBA Add-on for REST may be affected by the following known issues:

- IDL supported constructs
- Mapping limitations

4.1 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

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

4.2 Mapping limitations

This release of Rocket Software 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.

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

5. Other Resources

The following additional resources are available:

- The most up-to-date versions of CORBA Add-on for REST technical documentation are available at <https://docs.rocketsoftware.com/>.
- The Rocket Community is the primary method of obtaining support at [Rocket Software](#).