

webMethods EntireX

EntireX Administration under IBM i

Version 10.7

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This document applies to webMethods EntireX Version 10.7 and all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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Table of Contents

1 About this Documentation	1
Document Conventions	2
Online Information and Support	2
Data Protection	3
2 EntireX Administration under IBM i	5
Tracing for Broker Stubs under IBM i	6

1 About this Documentation

▪ Document Conventions	2
▪ Online Information and Support	2
▪ Data Protection	3

Document Conventions

Convention	Description
Bold	Identifies elements on a screen.
Monospace font	Identifies service names and locations in the format <code>folder.subfolder.service</code> , APIs, Java classes, methods, properties.
<i>Italic</i>	Identifies: Variables for which you must supply values specific to your own situation or environment. New terms the first time they occur in the text. References to other documentation sources.
Monospace font	Identifies: Text you must type in. Messages displayed by the system. Program code.
{ }	Indicates a set of choices from which you must choose one. Type only the information inside the curly braces. Do not type the { } symbols.
	Separates two mutually exclusive choices in a syntax line. Type one of these choices. Do not type the symbol.
[]	Indicates one or more options. Type only the information inside the square brackets. Do not type the [] symbols.
...	Indicates that you can type multiple options of the same type. Type only the information. Do not type the ellipsis (...).

Online Information and Support

Product Documentation

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- Search the Knowledge Center for technical information and tips.
- Subscribe to early warnings and critical alerts.
- Open and update support incidents.
- Add product feature requests.

Data Protection

Software AG products provide functionality with respect to processing of personal data according to the EU General Data Protection Regulation (GDPR). Where applicable, appropriate steps are documented in the respective administration documentation.

2 EntireX Administration under IBM i

- Tracing for Broker Stubs under IBM i 6



Note: The EntireX RPC Server for IBM i of EntireX version 7.1.1 running under IBM i (AS/400) is no longer supported. We strongly recommend using the new *RPC Server for AS/400* or the EntireX Adapter. See also *Connection Parameters for AS/400 Connections*.

Tracing for Broker Stubs under IBM i

To request a log file from the Broker stub, the environment variable `ETB_STUBLOG` must be set. The value of this variable defines how detailed the log will be.

The following table describes the trace values for `ETB_STUBLOG`:

Trace Value	Trace Level	Description
0	NONE	No tracing.
1	STANDARD	Traces initialization, errors, and all ACI request/reply strings.
2	ADVANCED	Used primarily by system engineers, traces everything from level 1 and provides additional information - for example the Broker ACI control block - as well as transport information.
3	SUPPORT	This is full tracing through the stub, including detailed traces of control blocks, message information, etc.

> To evaluate error conditions

- 1 Set the environment variable: run the program `EXASETENV` or use the command:

```
ADDENVVAR ENVVAR(ETB_STUBLOG) VALUE(3)
```

To change the value of the variable, use the command `WRKENVVAR` or change and recompile the source file in `EXASRC`.

- 2 Rerun the example programs.

The member names in the file `LOG` are created with the prefix `ETB` and the six-digit process ID (`ETBpppppp`).



Note: The file will be overwritten if you restart your application in the same session.

Related Literature

- *Installing EntireX under IBM i*
- *EntireX RPC Server Return Codes*

- *Using the C Wrapper*
- *Using the COBOL Wrapper*
- *Using EntireX RPC for RPG under IBM i*
- *Using EntireX RPC for CL under IBM i*

