

SeeBeyond™ eBusiness Integration Suite

e*Insight Business Process Manager Release Notes

Release 4.5.3



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Installation Changes

This chapter discusses the changes to e*Insight Business Process Manager installation between version 4.5.2 and version 4.5.3. For additional information on the items listed in this chapter, refer to the *e*Insight Business Process Manager Installation Guide*.

1.1 New Features

The following sections describe new features in installation of the 4.5.3 release of the e*Insight Business Process Manager.

1.1.1 Additional Database Support

e*Insight can now use the following additional databases:

- Oracle 9i
- Sybase 12.5
- DB2 UDB 7.2

1.2 Changes to Existing Features

The available installation options have been reduced to simplify the installation procedure. JRE version 1.3, e*Insight samples, and SOAP files (as used with the Remote Sub-Process) are now installed automatically.

1.3 Features that Are No Longer Supported

No previously supported features have been removed from the e*Insight 4.5.3 installation process.

User Interface Changes

This chapter discusses the changes to e*Insight Business Process Manager between version 4.5.2 and version 4.5.3. For additional information on the items listed in this chapter, refer to the *e*Insight Business Process Manager User's Guide*.

2.1 New Features

The following sections describe new features in the 4.5.3 release of the e*Insight Business Process Manager. These new features are additions since the 4.5.2 release.

2.1.1 Activity Specific ETDs

Activity Specific ETDs can now be generated from e*Insight. These simplify the process of creating the Java Collaboration Rules Script by automatically building ETDs based on the attributes defined for your business process. Each attribute is represented by a node in the structure; these nodes are ordered by direction and include support for the data type and associated metadata.

The ETD for each Activity Specific ETD is automatically updated by e*Insight when adding or removing attributes.

2.1.2 Automated Exception Handling

e*Insight has a new feature, Automated Exception Handling, that allows users to model an alternate path for a business process upon Activity Failure or Timeout. When an Activity fails or does not complete within a specified time period and it has been configured to use an alternate business process path, the business process continues with the next activity on the alternative path.

2.1.3 Instance Archiving and Optional Purging

Stored procedures allow users to archive instances from a database to a target database. archiving of instance data is based on user-defined criteria. The instance data can be stored in a file or database; alternatively it can be purged.

This allows you to:

- Clean up your database for better performance. For example, you can purge all business process instances that completed over 90 days ago.
- Report against a large volume of data without interfering with the runtime performance of your live database.
- Schedule execution of the stored procedures directly on the machine on which the database is running, using common system tools.

2.1.4 Drill Down to Runtime Components

When you are running a business process model using e*Gate components for an activity, you can now access these components from the Activity properties. Also, you can now view the Collaboration publications and subscriptions.

2.1.5 Complex Attribute Support Using XPath

Users can now create JavaScript in e*Insight which uses data values contained within XML Attributes that are associated with a business process and any appropriate Activities. This includes JavaScript used in the Activity, Decision Gate, and Dynamic Sub-Processes.

2.2 Changes to Existing Features

There are no changes to existing features in the 4.5.3 release of the e*Insight Business Process Manager.

2.3 Features That Are No Longer Supported

No previously supported features have been removed from the e*Insight 4.5.3 user interface.

e*Insight Database and e*Gate Schema Changes

This chapter discusses the changes to the e*Insight Business Process Manager back end between version 4.5.2 and version 4.5.3. For additional information on the items listed in this chapter, refer to the *e*Insight Business Process Manager Implementation Guide*.

3.1 New Features

The following sections describe new features in the back end of the 4.5.3 release of the e*Insight Business Process Manager.

3.1.1 Activity Specific ETDs

Activity Specific ETDs can now be generated from e*Insight. These simplify the process of creating the Java Collaboration Rules Script by automatically building ETDs based on the attributes defined for your business process. Each attribute is represented by a node in the structure; these nodes are ordered by direction and include the Type metadata.

The ETD for each Activity Specific ETD is automatically updated by e*Insight when adding or removing attributes.

3.1.2 New e*Insight Engine Configuration Options

e*Insight 4.5.3 includes the following new e*Insight engine configuration options:

- XA
- Multi-database commit

3.2 Changes to Existing Features

No existing features have changed in the e*Insight back end.

3.2.1 Revised Documentation

The documentation has been updated to reflect new features, changes, and deletions in the user interface.

The following items have been added to the *e*Insight Business Process Manager Implementation Guide*.

- Information on using the Activity Specific ETD.

3.3 Features that Are No Longer Supported

No previously supported features have been deleted from the e*Insight 4.5.3 back end.