Roundtable® TSMS 10.1B
Product Update Bulletin

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Tugboat Software
20301 Birch Street
Suite 202
Newport Beach, CA 92660

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1 Introduction

1.1 Purpose

This update bulletin provides a brief description of the new features and changes to existing features introduced in Roundtable TSMS 10.1B.

1.2 Audience

This document is intended for OpenEdge application developers who are upgrading their Roundtable TSMS licenses from 10.1A to 10.1B. It is also a good information source for other existing Roundtable 10.1A users who want to know more about the new and changed features available in Roundtable 10.1B.

1.3 Platform Availability

Unless specified by ‘All Platforms’, the changes and features described in this document apply only to the Roundtable ABL Windows client and Roundtable multi-platform server products and not the Roundable TTY client.

2 What's New

2.1 Administration

2.1.1 Inactive Subtypes

A new "Inactive" toggle has been added for Code Subtypes, allowing the Roundtable administrator to flag a Subtype as ‘inactive’ to control whether or not a Subtype can be used for future Objects.

2.1.2 Session Duration Limit

A new "Session Duration" fill-in has been added to the site information values on the Help>About dialog, allowing the Roundtable administrator to specify the maximum time limit (in hours) for the life of a Roundtable session. This will help clean-up stale session records leftover for crashed sessions.

2.2 OpenEdge 10.1B Schema Compatibility

Roundtable 10.1B supports new database schema features of OpenEdge 10.1B as documented in the following sections.

2.2.1 INT64 Support (All platforms)

64-bit integer (INT64) fields can now be defined, loaded from schema, and updated in OpenEdge 10.1B databases.

2.2.2 64-bit Sequences Support (All platforms)

Sequence values will store up to 64-bit values if the associated database is 64-bit enabled. Specifically, the fields that support 64-bit values are Increment, Initial Value, Maximum Value, and Minimum Value.

2.2.3 32-Character Dump Names Support (All platforms)

32-character table dump names can be specified, loaded from schema, and updated in OpenEdge 10.1B databases.

2.3 Platform

2.3.1 Unix AppServer Support

Support of Unix/Linux AppServer partitions has been added to Roundtable 10.1B for running Roundtable in distributed mode. Previous releases supported only Windows-hosted AppServer partitions.

2.4 Partner Sites

2.4.1 Partner Deployment Export and Import

Partner Site deployments made to disk now include environment information – including the Roundtable version, numeric formatting, year offset, and code page – to prevent errors when loading the data at the receiving site.

In previous releases, import could errors occur due to mismatched fields, numeric formatting differences (such as decimal character), and code page differences.

2.5 Task Management

2.5.1 Task Summary Search

A Task Summary option has been added to the search options available from the Task Maintenance window. In previous releases, users could only search by Task number.

3 Revised Features

3.1 Administration

3.1.1 Code Subtypes – Extension (All Platforms)

The Extension field for Code Subtype parts has been increased from 8 characters to 20 characters to accommodate files with long extensions.

3.1.2 Releases - WIP Schema Warning

If WIP schema exists in a Workspace when creating a Release in that Workspace, a warning is displayed, rather than preventing Release creation as in previous versions.

3.1.3 Workspace Sources

An "All" option has been added to optionally create sources for all Product Modules included in the specified source Workspace when creating a new Workspace source. Also, only Product Modules sourced to the specified source Workspace now appear in the list.

In previous releases, Product Module sources had to be added individually.

3.2 Task Management

3.2.1 User Reference Field (All platforms)

The User Ref field has been increased from 15 characters to 45 characters to improve link capability with external tools.

3.2.2 User Validation

Task Manager and Programmer names are now validated against defined users. In previous releases, any name could be entered into these fields, since, at one time, Workspace security was not implemented by default.

3.3 Schema Management

3.3.1 Schema Manager

Roundtable 10.1B allows simultaneous assignment of multiple fields and files in Schema Manager by making the PDBASE/PFILE and PFILE/PFIELD assignment dialogs multiple-select. Previous releases allowed only one assignment at a time.

3.3.2 Schema Update

Schema Update lists with a LISTERROR status cannot be updated, and list items with a BldErr status cannot be skipped. These limitations have existed in the Unix edition of Roundtable, but have also been added to the Windows client to prevent errors when applying schema changes.

3.3.3 SQL Width Calculation

SQL Width is now automatically calculated upon Save of changes to a Field definition (accept when SQL Width is manually entered). In previous releases, the SQL width once only calculated when a PFIELD object was first created.

3.4 Tabletop Enhancements

3.4.1 Assign Object Window

Users can now type in an object name, rather than having to use the Search button to locate an object in the selected Product Module. This can save time when the object name is already known.

3.4.2 Performance

The performance of calculated fields in principal SmartDataObjects has been improved, resulting in the faster retrieval of object data when populating the Tabletop object views.

3.4.3 Visual Difference Window

Improved widget focus of the Visual Difference window, and made the Compare button the default button so that the selected version and its predecessor can be quickly compared using the keyboard (Ctrl-D, Enter key).

Previous releases required the user to click on the Compare button with the mouse in order to initiate the comparison.

3.5 Tools

3.5.1 Server Upload Utility

An Object name filter has been added to the Server Upload Utility, allowing users to further specify objects to be transferred to an AppServer or WebSpeed server. Previous releases included only Module and Group filters.

3.6 Workspace Import

Workspace import will continue when object errors are encountered, writing error details to a log file. When the import process is finished, the user is alerted to the presence of the error log and given the opportunity to view it.

In previous releases, any object error encountered while processing the list caused the import to halt, requiring users to resolve errors or exclude the object before continuing with the import.

3.7 User Events

3.7.1 createTaskBefore Event

The 'Pcontext' parameter value passed to the createTaskBefore event now contains a CHR(1)-delimited field-value pairs of all the enabled SDO fields, including Workspace, Task Number, Task Summary, Manager, Programmer(s), User Reference, Share Status, Task Directory, Enter Date, and the Task Description.

Previous releases provided no data in the Pcontext parameter for the createTaskBefore event.