



dbMaestro TeamWork™

Version 3.0.0 Release Notes

27 November 2011

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Welcome to dbMaestro TeamWork™ v3.0.0

Thank you for installing dbMaestro TeamWork™, the first solution to effectively address issues related to database change management in database development processes by organizing all changes in a closed and monitored environment.

dbMaestro TeamWork™ is designed to automate and streamline database development and deployment tasks while providing a collaborative working environment for database developers and DBA teams.

We trust you will find that dbMaestro TeamWork™ significantly improves your productivity, so that your projects are completed faster, with a higher level of quality than ever before.

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New Features, Resolved Issues and Enhancements

The following is a list of major features introduced, issues addressed and enhancements implemented in this release of dbMaestro TeamWork™:

Version	New Feature / Resolved Issue / Enhancement
3.0.0 November 27 2011	<p>Adding multiple schema deploy to TeamWork, which is aware of dependencies between the deployed schemas.</p> <p>TeamWork enables integrating customers' business logic within the Deployment script using the User-Script options.</p> <p>Adding Labels to Modules in addition to snapshot of schema. Labels can be used to name a specific revision for later references.</p> <p>Improving performance of TeamWork UI and services across the product.</p> <p>Fix: Refresh of the remote schema (dbMaestro_teamwork) was not done when only one schema is managed</p> <p>Fix: Removing the dependency on Oracle User SID</p> <p>Fix: Data deployment script is based on tables dependencies</p> <p>Fix: Identifying changes of unique and non-unique indexes</p> <p>Known Issue: Special characters in Table name.</p>
2.8.2 January 17 2011	<p>TeamWork SideBar will remember its setting (location and size) on exit.</p> <p>Adding new schema to TeamWork on a new database now requires entering the tablespace for dbMaestro_TeamWork schema.</p> <p>Adding support for managing table content with more than 32 columns.</p> <p>Several improvements and bug fixes while generating the deployment script.</p> <p>Access role supports AD groups.</p>
2.8.1 November 11 2010	<p>Support non domain clients and server. In this release TeamWork support configuration in which the TeamWork server and/or TeamWork clients are not part of windows domain.</p> <p>Managing content of CLOB, BLOB, NCLOB, and XMLTYPE data types.</p> <p>Change default selection based on customer feedback. For example: in Saving Version, the default selection is to save content of management tables.</p> <p>Fix: Opening the Deployment Manager from the Studio, did not selected</p>

	<p>the correct base line.</p> <p>Fix: Changing several managed schemas in the same database to Suspend mode at the same time failed.</p> <p>Fix: Deploying to empty schema failed.</p> <p>Known Issue: Special characters in Table name.</p>
2.8.0 August 23 2010	<p>Added internal security mechanism – Access Roles, which enables the administrators to set permissions on object types and action to specific user within specific project.</p> <p>Adding Modules to TeamWork Management Studio, and list only relevant objects, which saves time locating the required objects.</p> <p>The managed schema's password can now be saved in TeamWork client, which eliminate the need to enter it repeatedly.</p> <p>Adding search functionality in Source Control window, which enables to find objects in specific status, for example: pending changes.</p> <p>Improving the setup wizards.</p> <p>Fixed: Several issues in managing content.</p> <p>Fixed: Supporting truncate command</p> <p>Known Issue: Add-In will not start when using ODAC 10g on 64bit. Click to see the solution.</p>
2.7.3 June 13 2010	<p>Added support to manage content of lookup tables based on Unique Indexes or Unique Constraints in addition to Primary Keys.</p> <p>Fixed: Adding a column with default mode failed in Integration mode.</p> <p>Fixed: Removing project in Management Studio, removed the wrong project.</p> <p>Fixed: Deployment Manager support CLOB_EMPTY() for not null CLOB columns.</p>
2.7.2 May 20 2010	<p>Improved 'Object Comparison' view: the more recent revision is now displayed on the left, instead of the right. This contributes to the visibility and clarity of changes.</p> <p>Fixed: Content comparison in 'Object Comparison' view is now performed automatically after opening the compare window, without having to choose revisions from the drop down controls.</p>
2.7.1 May 03 2010	<p>Microsoft TFS 2010 and VS 2010 are now supported.</p> <p>Added 'Freeze' mode to schema management.</p>
2.7.0 Mar 28	<p>Compare & Merge user interface has been upgraded significantly. Automatic merge option is added for most of database objects.</p>

2010	<p>TeamWork™ schema versions can now be linked with Microsoft TFS labels.</p> <p>Link to CMS change-sets and labels can now be altered by administrators even after TeamWork™ check-in has been performed.</p> <p>Login to multiple schemas in Management Studio is now supported.</p> <p>Deployment Manager can now be launched from within the Management Studio.</p> <p>Fixed: Data scripts generated by Deployment Manager are failing to execute in case there is an apostrophe sign (') in one of the values.</p> <p>Fixed: Error while adding schema without 'Create trigger' privileges to TeamWork™.</p> <p>In Deployment Manager only change-sets that have linked DB changes are now displayed.</p>
2.6.1 Feb 21 2010	<p>TeamWork™ DB API is now available.</p>
2.6.0 Jan 21 2010	<p>Added dbMaestro TeamWork™ Add-in for Microsoft Visual Studio 2008.</p> <p>Added command line interface, which enables batch check-in/check-out/save version/deployment operations.</p> <p>Improved internal references - zero footprint in customer's managed schema has been achieved.</p> <p>A user can now set a profile for projects and modules tree.</p> <p>Added 'Must enter comments when performing check-ins' policy settings.</p> <p>Added queries support for selecting work items from Rational Team Concert and Microsoft TFS.</p> <p>Microsoft TFS work items' status can now be changed when performing check-in in TeamWork.</p> <p>TeamWork™ check-in comments are now added to linked Microsoft TFS work items history.</p>
2.5.4 Dec 1 2009	<p>Added IBM Rational Team Concert integration (v2.0 and later)</p> <p>Reports fixes and improvements</p> <p>Added 'Activity History' report</p> <p>Resume from Integration State can be done only by the user who applied the state</p>

	<p>Added 'Force check-in' functionality</p> <p>Objects under modules in Sidebar are now sorted alphabetically</p>
2.5.3 Nov 1 2009	<p>Data script generated in 'Generate Script' in 'View History' for schema, is the same as generated by deployment</p> <p>Drop object action improvements</p> <p>Added deployment functionality for generating INSERT scripts for tables that do not exist in destination schema</p> <p>'Resume from Suspend/Integration' improvements</p> <p>Added 'Order by' functionality to list of change-sets displayed in check-in view</p> <p>Header of script generated by TW was changed to include more information about the script</p> <p>Added 'Check-in all objects' functionality</p> <p>Schema name was removed from DB object label in DB object trees</p> <p>Fixed: Not all columns displayed in Conflict Resolver and Compare Data view, if table has different columns in source/destination/baseline.</p> <p>Fixed: When reopening unmanaged schema connection properties (in deployment) the connection properties are cleared.</p> <p>Fixed: Foreign key constraint in script generated by TW contains current owner name in referenced table.</p> <p>Fixed: LONG column content is not displayed in 'Generate Script' in management studio.</p> <p>Fixed: 'Check-in content' for table with LONG column with value larger than 32KB fails.</p>
2.5.2 Aug 31 2009	<p>Fixed: Wrong 'Creation Date' of TFS activities displayed in deployment view</p> <p>Fixed: 'Generate Script' failure for table with large number of columns (more than 50) in 'View History' for schema</p> <p>Fixed: In some cases 'Conflict Resolver' displays wrong data versions.</p> <p>Fixed: Checking 'Don't show this window in the future' checkbox in 'Check-in Comments' window in Sidebar has no effect.</p> <p>Performance improvements of 'Generate Script' for schema and deployment comparison for schemas with large number of objects dependencies.</p>

	<p>Fixed: View or package DDL with spaces after ';' sign, cause ORA exceptions while executing script generated by TeamWork™.</p> <p>Schema script generated in 'Generate Script' in 'View History' for schema, is the same as generated by deployment.</p>
2.5.0 Jul 16 2009	<p>Oracle 11g is now supported</p> <p>Added IBM Rational ClearQuest and Microsoft TFS activities update after dbMaestro TeamWork™ check-in</p> <p>Managed instances do not require DBLink creation in order to run</p> <p>Deployment Manager supports working with unmanaged schemas for ad-hoc compare & sync usage, as well as improved support for managed version from TeamWork's repository</p> <p>Deployment Manager - Improved usage of the Alter command when generating deployment scripts, instead of recreation of the tables</p> <p>Deployment Manager performance improvements</p> <p>Significant performance improvements of 'Save Version' and 'Add To Source Control' actions</p> <p>Schema locking engine doesn't prevent object compilation anymore</p> <p>Oracle RAC is now supported</p> <p>Added 'Rollback By Change set' functionality</p> <p>View schema history by saved versions or by linked change management activities</p> <p>Compare between two saved schema versions</p> <p>Generate script from saved schema version or by linked change management activity</p>
2.3.0 Mar 31 2009	<p>Added additional database objects support:</p> <ul style="list-style-type: none"> Materialized Views Database Links Sequences Synonyms Types Schema and Database Triggers <p>Added custom CMS service support</p>
2.2.0 Feb 28 2009	<p>dbMaestro TeamWork™ Sidebar - a desktop tool designed for use by developers as part of database development cycle is now part of the product.</p> <p>dbMaestro TeamWork™ Sidebar provides change management policy enforcement functionality as well as multiple schema logins for an efficient</p>

	and disruption-free development process.
2.1.0 Jan 13 2009	<p>Improved performance</p> <p>Objects tree is now alphabetically sorted</p> <p>Fixed several stability issues</p> <p>Fixed 'Save Version' failure when saving schema with special characters</p> <p>More improvements to server and client setup</p> <p><u>Known Issues</u></p> <p>Partitions and Table Space improved handling will be added in Q2 2009.</p> <p>Known bug: rollback of organization Index table fails.</p>
2.0.0 Nov 16 2008	<p>dbMaestro TeamWork™ for Oracle</p> <p>Improved server and client setup for easier and smoother installation</p> <p>Improved policy enforcement mechanism - supporting database schema registration with hostname in addition to IP address</p> <p>Improved rollback mechanism</p> <p>Supporting large tables content archiving and source control management</p> <p>Adding version control notification service to the source control actions (send emails to administrator upon check-in/out)</p> <p>Manual policy enforcement suspension tool – add email notifications to administrator</p> <p>Stabilizing the dbMaestro TeamWork™ services initialization process (resolved conflicts with firewall)</p> <p>Improved database objects dependencies identification process</p> <p>Reports - version filtering added</p> <p>GUI updates –</p> <ul style="list-style-type: none"> Displaying username in the database objects history list Display all the database information on the database details panel <p>Check-in data bug fixes</p>

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System Requirements

Before installing dbMaestro Teamwork™, please ensure your system meets the following requirements:

dbMaestro TeamWork™ Server

- Windows operating system (32 and 64 bits):
 - Windows 2003 service pack 2 and later
 - Windows 2008 R2
- .Net Framework 3.5 SP1 [[download](#)]
- Oracle Data Access Provider (ODAC) 32 bits
 - Oracle 10g ODAC version 10.2.0.2.21 (or later) [[download](#)]
 - Oracle 11g ODAC [[download](#)]
- Machine is part of the organizational domain (optional)
- Access to the Oracle database serves as the repository
- Access to the managed Oracle databases
- Firewall ports 8010 and 8012 for incoming TCP connections

dbMaestro TeamWork™ Database

- Oracle Database 10g release 2 (standard or enterprise edition).
- Oracle Database 11g (standard or enterprise edition).
- It is recommended the repository to be at the same version or latter of the managed Oracle database.

dbMaestro TeamWork™ Client

- Windows operating system (32 and 64 bits):
 - Windows XP
 - Windows 2003
 - Windows 7
 - Windows 2008 R2
- .Net Framework 3.5 SP1 [[download](#)]
- Oracle Data Access Provider (ODAC) 32 bits
 - Oracle 10g ODAC version 10.2.0.2.21 (or later) [[download](#)]
Note: ODAC 10 is not supported on Windows 7
 - Oracle 11g ODAC [[download](#)]
- Machine is part of the organizational domain (optional)
- Access to the Oracle database serves as the repository
- Access to the managed Oracle databases

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