

# Oracle® Retail Warehouse Management System

Release Notes

Release 12.0.10

April 2009

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This document highlights the major changes for Oracle Retail Warehouse Management System (RWMS) Release 12.0.10. RWMS 12.0.10 release includes functional enhancements and numerous defect fixes. Oracle Customer Support investigates submitted issues assuming that all released patches have been applied. It is the customer's decision when to apply a patch; however, delays in applying patches can complicate the support process.

The RWMS Release Notes - 12.0.10 contains the following information:

- [Applying Source Code](#)
- [Defect Fixes and Documentation](#)
- [Functional Enhancements](#)
- [Noteworthy Fixed Issues](#)
- [Related Documentation](#)

## Applying Source Code

Before installing RWMS 12.0.10 patch release, confirm that RWMS 12.0.9 and all patches through RWMS 12.0.9 have been successfully applied.

Before applying the patch source files over your code:

- Note whether any modules have been customized. If so, the customizations must be reapplied to the new version of the module, or the fix may need to be applied to the custom version of the code.
- Copy the original files to a different directory before you copy over them, in case you need to refer to them at a later date.

## Running Scripts

Back up data before running any script, because the scripts provided do not preserve data. See defect reports for details. Check with your database administrator to determine whether your database should be analyzed after a script is run. In many cases, an analysis of the database is necessary to take advantage of new or modified indexes intended to improve performance of the application.

## Defect Fixes and Documentation

A defect fix is a modification to the base Oracle Retail code (for example, a bug fix, a performance enhancement, or a functional enhancement). Each defect fix that is

included in this patch has a corresponding Defect document in the doc folder titled <Defect#>.doc, such as "123456.doc".

In the same folder, the file named DEFECT MODULE XREF RWMS 12.0.10.XLS lists every defect number and the modules and scripts that are included in the patch. Review each defect report carefully before this patch is implemented. Please note that scripts do not preserve data. Make sure that all data is backed up before you run any script.

## Functional Enhancements

The following functional enhancements have been implemented for the RWMS 12.0.10 release:

- [New System Control Parameter for rollback\\_allocation](#)
- [Database Sequences In-Sync with Database Table Columns](#)
- [Performance Enhancement during Concentric Putaway Logic](#)
- [Integration of External Partner](#)

### New System Control Parameter for rollback\_allocation

BUG 7503891 - A new system control parameter called "def\_rollback\_alloc" has been added to the RWMS application. This parameter takes two values - (Y)es or (N)o. For the stock order that is created in Retail Merchandising System (RMS) and subscribed in RWMS, the value of the "Rollback Allocation" check box in the "Stock Order Creation" form of RWMS is set based on the value of the system control parameter (SCP) def\_rollback\_alloc. In case, the stock order is created manually through RWMS, the default value of rollback\_allocation should be equal to the value specified for the SCP def\_rollback\_alloc.

### Database Sequences In-Sync with Database Table Columns

BUG 7589457 and BUG 7561995 - The database transaction ID sequence generator allows more than nine digits, while the activity log's transaction ID can store only eight digits. This resulted in errors across the RWMS Radio Frequency (RF) applications.

- Resolution: The transaction ID has now been restricted to allow a maximum length of eight digits. All sequences within RWMS were reviewed and modifications were made so that the database sequences were in-sync with the database table columns.

### Performance Enhancement during Concentric Putaway Logic

BUG 7630907 - When using concentric putaway with another location which has the same item (SAM) on the putaway\_plan\_detail configuration, the application responds very slowly. It takes up to 3 minutes to indicate the reserved location of the container.

- Resolution: Several queries have been fine tuned for the putaway plan having the SAM method. Now, the RWMS application identifies the reserved location of the container faster.

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**Note:** The three putaway methods are as follows:

SAM = the location to which the inventory is to be putaway must have the same item.

EMP = the location to which the inventory is to be putaway has to be empty.

DIF = the location to which the inventory is to be putaway has another different item, but does not have the same item.

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## Integration of External Partner

BUG 7645722 - In the RWMS application, the external finisher was not being considered as partner. The application throws an error when attempting to integrate an external partner.

- Resolution: Now, the RWMS application accepts external finishers/partners. The external finisher/partner is now considered within RWMS as a "STORE".

## Noteworthy Fixed Issues

One of the noteworthy fixed issues for RWMS 12.0.10 is the cycle counting of a catch weight location. A brief description follows:

### Cycle Count Catch Weight Locations

BUG 7568795 - When cycle counting a catch weight location and modifying the weight of a container, the value of "container\_item.item\_weight" is not updated.

- Resolution: Now, the value of container\_item.item\_weight is updated to the new counted weight. In addition, if the cycle count does not modify the number of units (even though the weight of the container has changed), the "Unit\_Qty" is sent as zero to RMS. Earlier, in such cases, the "Unit\_Qty" would be set as NULL.

The following are the other noteworthy fixed issues specific to each functional area:

### DBA Related Fixes

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BUG 7589457

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### Distribution Related Fixes

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BUG 7380298      BUG 7381000      BUG 7503891      BUG 7628194

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### Interface Related Fixes

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BUG 7520598      BUG 7645722

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## Inventory Related Fixes

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BUG 7352998	BUG 7372020	BUG 7412647	BUG 7568795
BUG 7593087	BUG 7623466	BUG 7630481	BUG 7630907
BUG 8220941	BUG 8289870		

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## Receiving Related Fixes

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BUG 7388318	BUG 7388903	BUG 7422941	BUG 7447374
BUG 7463251	BUG 7483980	BUG 7486026	BUG 7585812
BUG 7607097	BUG 7647776	BUG 7658480	BUG 7676019
BUG 7710472			

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## Picking Related Fixes

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BUG 7366662	BUG 7448581	BUG 7488653	BUG 7556941
BUG 7568287	BUG 7591041		

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## Shipping Related Fixes

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BUG 7551622	BUG 7606984	BUG 8305746
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## Support Functions Related Fixes

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BUG 7358639	BUG 7417385	BUG 7568973
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## Others

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BUG 7676354	BUG 7708510	BUG 8277536
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## Related Documentation

For more information, see the following document in the RWMS 12.0.10 documentation set:

- *Oracle Retail Warehouse Management System Data Model Guide*

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Oracle® Retail Warehouse Management System Release Notes, Release 12.0.10

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