

Retek[®] Data Warehouse[™] 10.2.3

Release Notes

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Contact Method	Contact Information
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E-mail	support@retex.com
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Internet (ROCS)	rocs.retek.com Retek's secure client Web site to update and view issues
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Phone	+1 612 587 5800
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Toll free alternatives are also available in various regions of the world:

Australia	+1 800 555 923 (AU-Telstra) or +1 800 000 562 (AU-Optus)
France	0800 90 91 66
Hong Kong	800 96 4262
Korea	00 308 13 1342
United Kingdom	0800 917 2863
United States	+1 800 61 RETEK or 800 617 3835

Mail	Retek Customer Support Retek on the Mall 950 Nicollet Mall Minneapolis, MN 55403
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When contacting Customer Support, please provide:

- Product version and program/module name.
- Functional and technical description of the problem (include business impact).
- Detailed step-by-step instructions to recreate.
- Exact error message received.
- Screen shots of each step you take.

Defect documentation

A Defect is a modification to base Retek code (for example, a bug fix, a performance enhancement, or a functional enhancement). Each Defect that is included in this quarterly patch has a corresponding Defect document in the \Documentation\Defect docs folder titled <Defect#><module>.doc.

There is a document in the Defect docs folder entitled “DEFECT MODULE XREF RDW10.2.xls”, that lists every Defect # and the accompanying modules/scripts that are included in the patch. Each Defect document should be reviewed fully before this patch is implemented. What follows is a list of the more significant changes in the patch.

Overview of batch and batch schedule changes

Two new modules invblwmt.ksh and oratruncate.ksh have been added. invlwmt.ksh should be run immediately after invblwdm.ksh. oratruncate.ksh should be run immediately after mt_prime.ksh. oratruncate.ksh should be used only by Oracle clients.

This release includes an updated batch schedule flow chart that reflects this release’s minor batch scheduling changes. The document is located in the following directory.

- \Documentation\Miscellaneous docs\rdw-1023-batch-schedule.pdf:

Performance enhancements

“368014 ncstuidex” contains a performance enhancement for module ncstuidex.ksh. An Oracle hint was specified to enable index access to the ITEM_SUPP_COUNTRY table and to the FUTURE_COST table.

“367943 cstisldex” contains a performance enhancement for the cstisldex.ksh module. An Oracle hint was added on an index to the query in order to enhance performance.

“371177” contains performance enhancements for lptldmdm.ksh, sfcilqdm.ksh, sincilddm.ksh, slsblwdm.ksh, slsilddm.ksh, slsilwdm.ksh, slsmkdnpiiddm.ksh, slspilddm.ksh, tsilddm.ksh, ttlddm.ksh, ttldqdm.ksh and ttldmdm.ksh modules. The list of the columns assigned to the variable, “key_fields” did not match the order of the columns that make up the primary key on the target table. Thus, in certain cases Oracle could not take advantage of the key index, causing a FULL TABLE scan.

“374603” contains a performance enhancement for item extraction and loading. Instead of extracting a full snapshot of ITEM_MASTER daily, additional logic has been added to allow only new or updated records to be processed for the current day base on the column last_update_timestamp. In terms of RDW load, an additional dim_low_delta.ksh library has been created so that items can process only delta data instead of having to take a full snapshot to determine the changes.

“374595” contains a performance enhancement for the extraction and load of item/supplier/location. This enhancement allows for the processing of only changed data instead of a full snapshot. This enhancement is applicable for clients with large amounts of data for item/locations.