

Oracle® R Enterprise

Release Notes

Release 1.3.1 for Windows, Linux, Solaris, and AIX

E36762-09

August 2013

This document contains information that was not available at the time of Release 1.3.1. This document contains these topics:

- [Do Not Use Oracle R Distribution 3.0.1 with Oracle R Enterprise 1.3.1](#)
- [Oracle R Enterprise 1.3.1 Supports Oracle Database 12.1](#)
- [Oracle R Distribution Available for R 2.15.3 on Linux](#)
- [Oracle R Distribution Available for R 2.15.2 on All Platforms](#)
- [Oracle R Enterprise and Oracle R Distribution Support Matrix](#)
- [Oracle R Enterprise Known Issues](#)
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Do Not Use Oracle R Distribution 3.0.1 with Oracle R Enterprise 1.3.1

Oracle R Distribution 3.0.1 Linux RPMs, now available on Oracle's public yum, will be compatible with future versions of Oracle R Enterprise.

However, you should use Oracle R Distribution 2.15.3 with Oracle R Enterprise 1.3.1. *Do not* use Oracle R Distribution 3.0.1.

When installing Oracle R Distribution for Oracle R Enterprise 1.3.1, specify this command:

```
yum install R-2.15.3
```

If you do not specify 2.15.3, R-3.0.1 will be installed by default

Oracle R Enterprise 1.3.1 Supports Oracle Database 12.1

Oracle R Enterprise 1.3.1 now supports Oracle Database 12.1, the most recent release of Oracle Database.

Oracle R Enterprise 1.3.1 also supports Oracle Database 11.2.0.3 and 11.2.0.4. A patch that enables Oracle R Enterprise to support 11.2.0.1 databases is available on Linux. See [Oracle R Enterprise and Oracle R Distribution Support Matrix](#) for details.

Note: Oracle Database 12.1 currently ships with Oracle R Enterprise 1.2. If you have Oracle Database 12.1, you should upgrade to Oracle R Enterprise 1.3.1.

Oracle R Distribution Available for R 2.15.3 on Linux

Oracle R Distribution 2.15.3 Linux RPM are available for download from the Oracle public yum repository at <https://public-yum.oracle.com/repo/>. For installation instructions, see the Oracle R Enterprise blog:

https://blogs.oracle.com/R/entry/oracle_r_distribution_for_r1

For a complete list of the changes in R 2.15.3, see the R News file:

<http://stat.ethz.ch/R-manual/R-devel/doc/html/NEWS.html>

See Also: [Oracle R Enterprise Known Issues](#) for description of bug 16869626, which affects Oracle R Distribution for R 2.15.3 on Linux

Oracle R Distribution Available for R 2.15.2 on All Platforms

Oracle R Distribution for R 2.15.2 is available on the Oracle R Distribution download site at <https://oss.oracle.com/ORD/>. For installation instructions, see the README for your platform.

R 2.15.2 is a maintenance update that provides improved performance and reduces memory usage for some commonly-used functions. For a complete list of the changes, see the R News file:

<http://stat.ethz.ch/R-manual/R-devel/doc/html/NEWS.html>

Oracle R Enterprise and Oracle R Distribution Support Matrix

The supported configurations of Oracle R Enterprise, Oracle R Distribution, and Oracle Database are shown in [Table 1](#).

Table 1 Oracle R Enterprise Configuration and Support Matrix

Oracle R Enterprise Version	R/Oracle R Distribution Version	Oracle Database Version (See Note)
1.0	2.13.2	11.2.0.3, 11.2.0.4
1.1	2.13.2	11.2.0.3, 11.2.0.4
1.2	2.15.1	11.2.0.3, 11.2.0.4
1.3	2.15.1	11.2.0.3, 11.2.0.4
1.3.1	2.15.2, 2.15.3	11.2.0.3, 11.2.0.4, 12.1

Note: Oracle Database versions 11.2.0.1 and 11.2.0.2 are supported on Linux if patched. See "Patching Oracle Software With OPatch" in *Oracle Universal Installer and OPatch User's Guide for Windows and UNIX* for instructions.

Oracle R Enterprise Known Issues

The following describes an error that affects Oracle R Distribution for R 2.15.3 on Linux:

Bug Number: 16869626

Title: ORE.PREDICT-RPART METHOD NAMES NEED TO BE UPDATED

Description: The row names for the split component of the rpart object have changed structure since R 2.15.2 and are no longer compatible with the ORE.PREDICT-RPART method.

Workaround: None.

Oracle R Enterprise Bug Fixes

Oracle R Enterprise Release 1.3.1 fixes the problems listed in [Table 2](#).

Table 2 *Bugs Fixed in Oracle R Enterprise Release 1.3.1*

Bug Number	Bug Description
16478724	REGRESSION: AGGREGATE NOT WORKING WHEN INDEX IS AN ORE.FRAME
16448096	REPEATED VARIABLE DERIVATION USING IFELSE RESULTS IN LONG RUNNING QUERIES
16435418	ORE.TOXML IS HIGHLY INEFFICIENT
16433727	SQL INTERFACE XML OUTPUT PRODUCES NO RESULT FOR R LIST RETURN VALUE
16426950	ADD SUPPORT FOR PRINCIPAL COMPONENTS ANALYSIS
16426704	UTILIZE SCALAR PARAMETER SUPPORT ON RQ TABLE FUNCTION TO AVOID TEMP DB TABLE
16426158	ORE.DELETE FAILS TO REMOVE MULTIPLE REFERENCE DB OBJECTS
16419536	SCALE METHOD FOR ORE.FRAME DOES NOT PROPERLY HANDLE NAS IN CENTER AND SCALE
16418921	CREATE AN ORESTATS::AVE METHOD TO MIMIC STATS::AVE
16411992	TRANSFORM AND WITHIN DO NOT PRODUCE ORE.FRAMES OPTIMIZED WRT THE INPUT ORE.FRAME
16396501	MEMORY LEAK ON RQ*EVAL TABLE FUNCTION BLOB RETURN
16392960	SCALE METHOD FOR ORE.FRAME IS LIMITED TO 297 COLUMNS
16309055	R:ORE: SUPPORTING AND CLIENT PACKAGES FAILING TO INSTALL ON WINDOWS (ORE 1.3)
16306380	SUBSTRING() AND SUBSTR() FUNCTIONS USE WRONG ARGUMENT CONVENTION
16268465	R:ORE: INSTALL.SH SCRIPT SHOULD CHECK FOR DB INSTANCE BEFORE INSTALLATION
16264162	UBSET,ORE.FRAME-METHOD CHECKS FOR UNIQUE KEY WHEN ONLY SELECT ARG IS SUPPLIED
16239534	SERVER INSTALL.SH DOES NOT HANDLE MULTIPLE NODE, SHARED SCHEMA ENV (EXADATA)

Table 2 (Cont.) Bugs Fixed in Oracle R Enterprise Release 1.3.1

Bug Number	Bug Description
16232013	EMBEDDED R SHALL SYNC UNDERLYING DB OBJECT INFO FOR AUTO CONNECT
16192292	ORE.SECOND, ORE.MINUTE, ORE.HOUR, ORE.MDAY BROKEN FOR ORE.DIFFTIME OBJECTS
16087689	\$\$<- METHOD FOR ORE.FRAME UNNECESSARILY CHECKS FOR ROW SIZE EQUALITY
16087308	ORE DATASTORE INFRASTRUCTURE SHOULD PROTECT AGAINST CREATION OF FACTOR COLUMNS
16069524	%IN% METHOD FOR ORE.VECTOR CANNOT HANDLE SET WITH MORE THAN 1000 VALUES
16018192	ORE.PUSH,LIST-METHOD DOES NOT PROPERLY HANDLE S3 ELEM WITH MULTIPLE INHERITANCE
15982395	OREBASE SHOULD REFERENCE RORACLE METHOD DIRECTLY INSTEAD OF REFERENCING DBI

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