

Oracle Tuxedo Application Runtime for CICS and Batch

Release Notes

11g Release 1 (11.1.1.1.0)

March 2010

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Table 1 Revision History

Revision Date	Summary of Change
March 31, 2010	GA Release

This topic contains the following sections:

- [About This Release](#)
- [Software Components](#)
- [Installation Notes](#)
- [Platform Support](#)
- [Limitations and Known Issues](#)
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About This Release

Oracle Tuxedo Application Runtime for CICS and Batch supports IBM mainframe applications rehosted to Oracle Tuxedo. It provides a combination of APIs and services that allows OLTP and

Batch mainframe applications to run unchanged, preserving years of investment in their business logic and data. It protects application's users from change by supporting standard 3270 terminal emulators, and it provides the familiar APIs and functions that developers use in their mainframe applications. The result is ability to quickly and with low risk migrate legacy mainframe applications to open systems running an industry-leading COBOL and C/C++ application server, leading to substantial cost savings and greater flexibility.

The major features of Oracle Tuxedo Application Runtime for CICS and Batch are as following:

- CICS Runtime
 - a preprocessor to preprocess the source code, translate EXEC CICS statements and CICS keywords into CICS Runtime interfaces
 - a robust production environment based on Oracle Tuxedo to execute the converted CICS applications
- Batch Runtime
 - a robust execution engine to execute the equivalent Korn-shell scripts converted from JCL
 - a Job Enqueueing Service based on Oracle Tuxedo to emulate Mainframe JES2

Software Components

Oracle Tuxedo Application Runtime for CICS and Batch software consists of the following components:

- CICS Runtime

CICS Runtime provides runtime environment for the CICS applications. It includes the following sub-components:

 - Preprocessor
 - CICS Runtime servers based on Oracle Tuxedo
 - Tools and utilities
- Batch Runtime

Batch Runtime provides runtime environment for Batch JCL. It includes the following sub-components:

 - Batch execution engine

- Tuxedo Job Enqueueing Service

Installation Notes

The installation of Oracle Tuxedo Application Runtime for CICS and Batch 11g Release 1 (11.1.1.1.0) does not require Oracle Tuxedo installation, but Oracle Tuxedo is a prerequisite at runtime.

For more information, see the [Oracle Tuxedo Application Runtime for CICS and Batch Installation Guide](#).

Platform Support

Oracle Tuxedo Application Runtime for CICS and Batch 11g Release 1 (11.1.1.1.0) supported platforms are listed in the [Supported Platforms in the Oracle Tuxedo Application Runtime for CICS and Batch Installation Guide](#).

Limitations and Known Issues

The following sections describe the limitations and known issues with Oracle Tuxedo Application Runtime for CICS and Batch.

Limitations

- In Batch Runtime, IDCAMS LISTCAT, PRINT, BLDINDEX, DELETE GDG are not supported
- In Batch Runtime, SYNCSORT is not supported
- In Batch Runtime, IEBGENER GENERATE with MEMBER is not supported
- In Batch Runtime, JOB COND is not supported
- In Batch Runtime, system date (e.g. DATE1) comparison is not supported in SORT operation
- In CICS Runtime, VSAM ESDS and RRDS files are not supported
- In CICS Runtime, VSAM KSDS to ISAM conversion is limited to support Read Only mode

- In CICS Runtime, BMS file name cannot be used as MAPSET name in CICS SEND MAP and RECEIVE MAP commands

Known Issues

[Table 2](#) lists known limitations.

Table 2 Known Limitations

1. CICS Runtime READPREV command	
Description	The CICS Runtime READPREV command does not work well when a VSAM file is converted to ISAM file.

See Also

- [Oracle Tuxedo Application Runtime for CICS and Batch Installation Guide](#)
- [Oracle Tuxedo Application Runtime for CICS User Guide](#)
- [Oracle Tuxedo Application Runtime for Batch User Guide](#)