

Oracle Tuxedo Application Runtime for CICS and Batch

Release Notes

11g Release 1 (11.1.1.1.0)

March 2010

ORACLE®

Copyright © 2010, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

This software is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications which may create a risk of personal injury. If you use this software in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure the safe use of this software. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software in dangerous applications.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

This software and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Contents

About This Release	1
Software Components	2
Installation Notes	3
Platform Support	3
Limitations and Known Issues	3
Limitations	3
Known Issues	4
See Also	4

Oracle Tuxedo Application Runtime for CICS and Batch Release Notes

Oracle Tuxedo Application Runtime for CICS and Batch 11g Release 1 (11.1.1.1.0) March 2010

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](#)
- [See Also](#)

About This Release

Oracle Tuxedo Application Runtime for CICS and Batch supports IBM mainframe applications rehoused 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](#)