

ORACLE COMMERCE

Oracle Endeca Commerce 3.1.2

What's New Document

Oracle Endeca Commerce 3.1.2

The Oracle Endeca Commerce 3.1.2 release includes a set of usability improvements in Experience Manager, additional features in the Endeca Assembler, continued investment in the MDEX Engine and data integration capabilities, and a number of bug fixes. Additionally, Endeca Commerce 3.1.2 is coupled with the ATG Commerce 10.2 release to provide native iOS reference applications for iPhone and iPad leveraging the Endeca Assembler.

This release includes the following updated packages:

- Oracle Endeca MDEX Engine 6.4.1
- Oracle Endeca Tools and Frameworks 3.1.2
- Oracle Endeca Content Acquisition System (CAS) 3.1.2

Highlights

Specific changes in this release include:

- MDEX Engine Language Support (11 new languages)
- Updated support for CAS connectors
- Content Acquisition System performance improvements
- Site Map Generator enhancements
- Improved extensibility model in the Endeca Assembler
- Reference Migration Application (from 2.1.x to 3.1.2)
- User migration from previous versions of Workbench to 3.1.2
- Native iPhone and iPad Reference Applications

MDEX Engine Language Search Support

The MDEX Engine 6.4.1, included in Endeca Commerce 3.1.2, continues to provide enhanced language support. The MDEX Engine now provides language-specific, dictionary-based, linguistic analysis features for 35 total languages and includes support for 11 new languages (listed in bold) in this release.

Languages Supported by Endeca Commerce 3.1.2			
Arabic	English, US	Japanese	Serbian, Cyrillic
Catalan	Farsi (Persian)	Korean	Serbian, Latin
Chinese, Simplified	Finnish	Norwegian, Bokmål	Slovenian
Chinese, Traditional	French	Norwegian, Nynorsk	Slovak
Croatian	German	Polish	Spanish
Czech	Greek	Portuguese, Brazil	Swedish
Danish	Hebrew	Portuguese, Portugal	Thai
Dutch	Hungarian	Romanian	Turkish
English, UK	Italian	Russian	

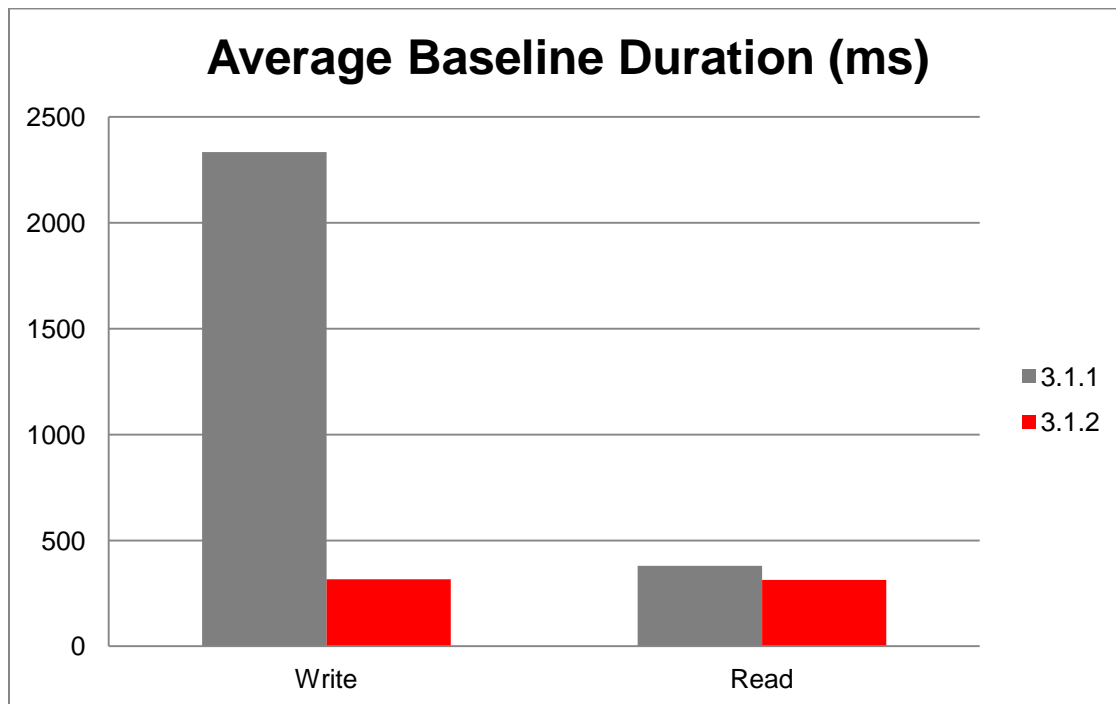
Updated Support for CAS Connectors

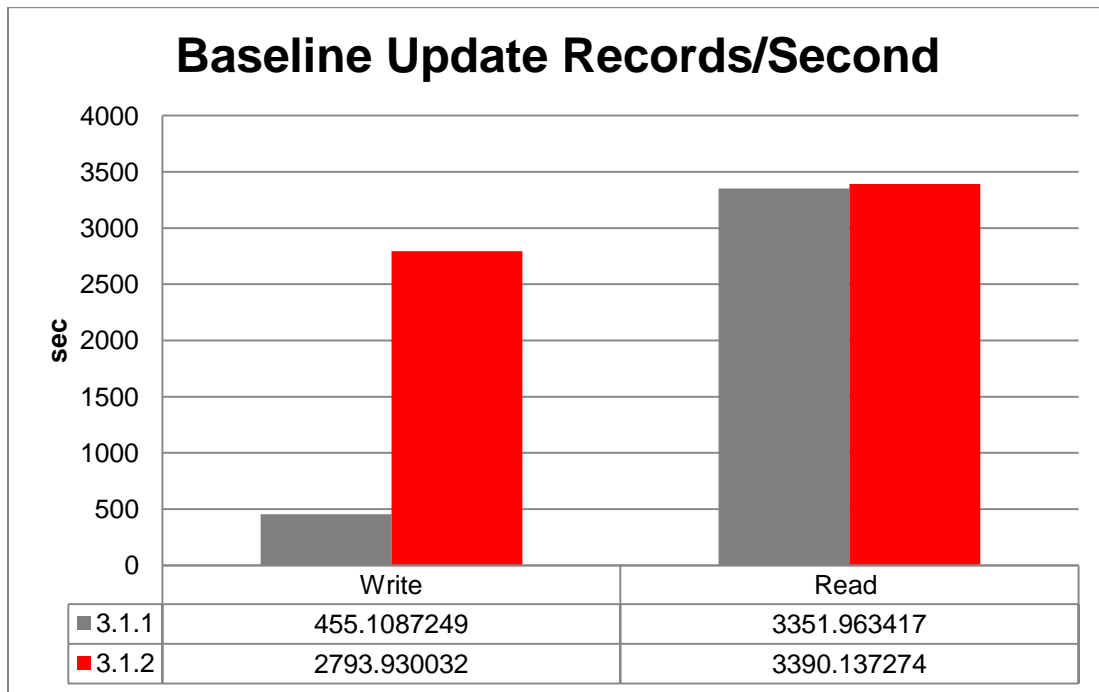
The Content Acquisition System (CAS) 3.1.2 release includes upgrades to the supported Content Management System Connectors, including updated compatibility with CMS product versions and bug fixes. Please refer to the CAS Release Notes for more information.

Content Acquisition System Performance Improvements

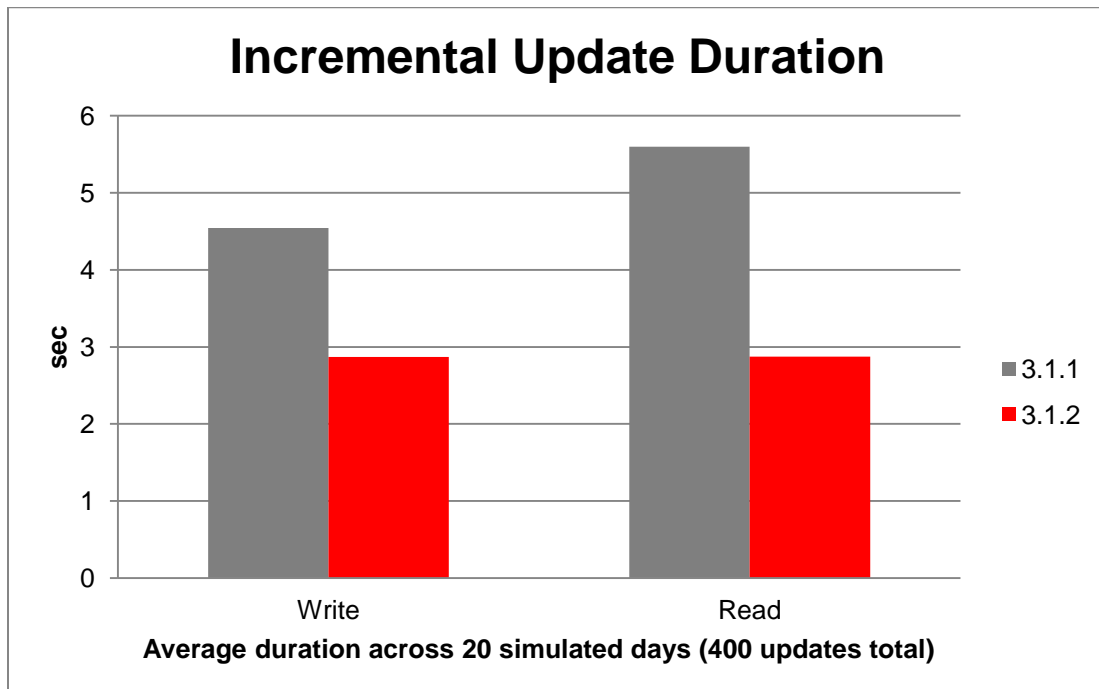
The Content Acquisition System (CAS) 3.1.2 release also provides improved data import/export performance to improve data update latencies. This release features updates to the Record Store generation calculation algorithms, used to simplify operations by providing support for computing partial updates or baselines based on a history of partial updates. The updates to these algorithms yield significant performance benefits.

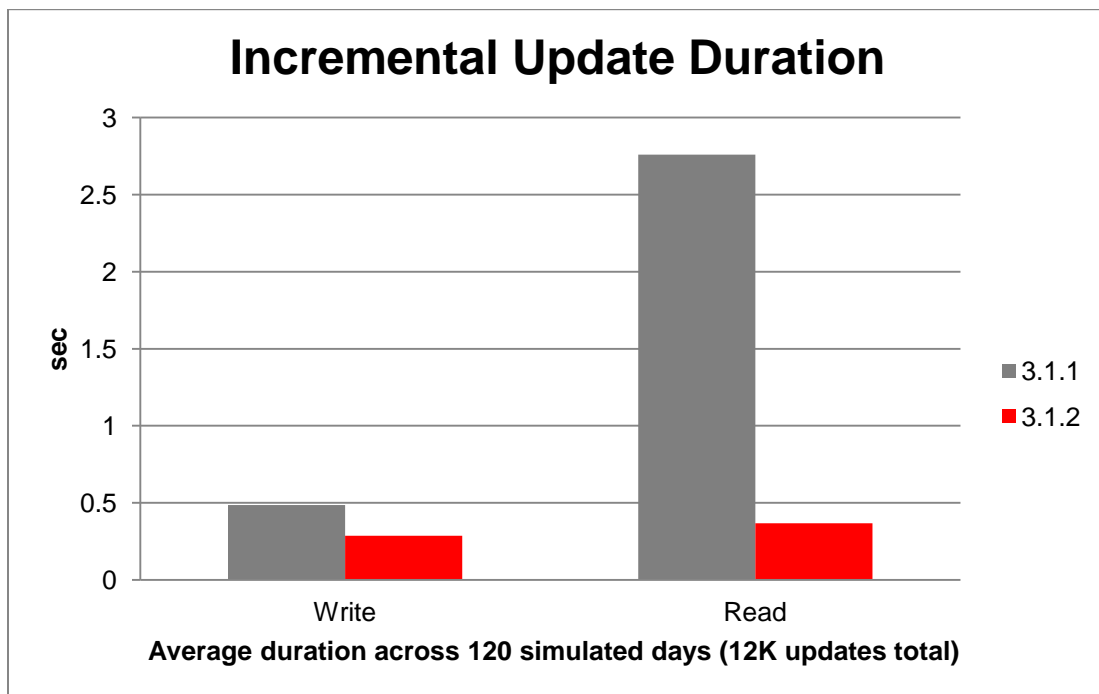
Using an exemplar dataset, tests of repeated baseline updates of over 1M records over a simulated “day” demonstrates baseline write operations to the Record Store over 500% (5x) faster and baseline read operations from the Record Store remain stable over time.





Tests of repeated incremental updates executing over 10K updates over 20 simulated days, with updates every 5 minutes, demonstrate that Record Store read performance improves by 50% and Record Store write performance improves by over 35%.





Sitemap Generator Enhancements

The Sitemap Generator has been updated and is now packaged within the Tools and Frameworks package in 3.1.2, simplifying the download and installation steps. Additional changes include:

- Compatibility with the Endeca Assembler
- Support for generating links for search, navigation, and product detail pages in the site map

Improved Extensibility Model in the Endeca Assembler

The documentation for the Endeca Assembler has been enhanced to include more detailed information how to integrate 3rd party data into an Experience Manager cartridge. The documentation describes the Assembler's eventing capability that provides a modular mechanism to add information to the Assembler content item tree returned from a cartridge.

Reference Migration Application

For customers migrating Page Builder or Experience Manager 2.1.x applications to 3.1.x, a reference migration application has been added to the migration folder within the Tools and Frameworks package. This Wine Reference Application that was included with Experience Manager Extensions 2.1.2 is used to demonstrate migrating an application from a 2.1.2 environment to 3.1.2. Additional artifacts to help migrate your Endeca application include:

- Demonstration of migrating 2.1 Page Builder or Experience Manager rules and cartridge templates (such as Guided Navigation and results lists) via XSLT
- The corresponding reference web application with rendering code for cartridges
- Updated Migration Guides in the product documentation
- Demonstration of migrating pipeline configuration files

Please refer to the Migration Guide available in Endeca Commerce 3.1.2 for additional detail when planning your migration.

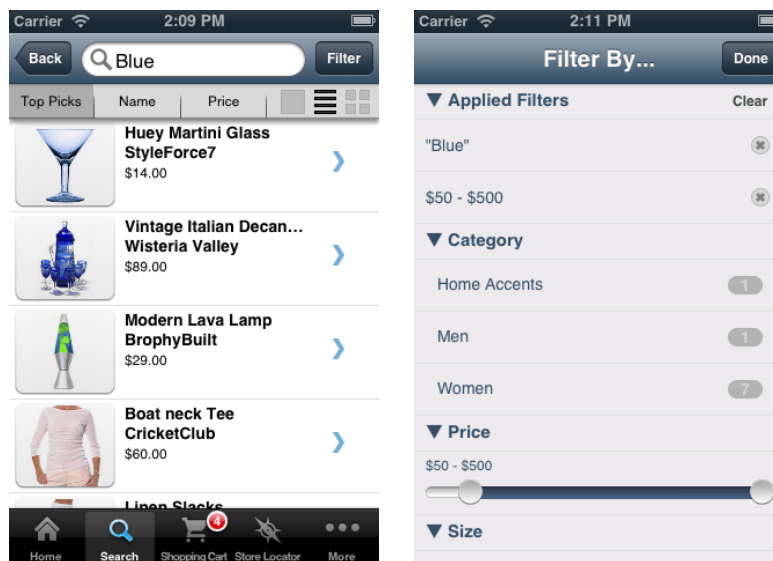
User Migration from Previous Versions of Workbench to 3.1.2

Enhancements that were released in 3.1.1 to the user administration screens enable new functionality and require migration of Workbench users from previous releases. Oracle Endeca Commerce 3.1.2 includes scripts to migrate user and group information from previous versions of Workbench to 3.1.2 including:

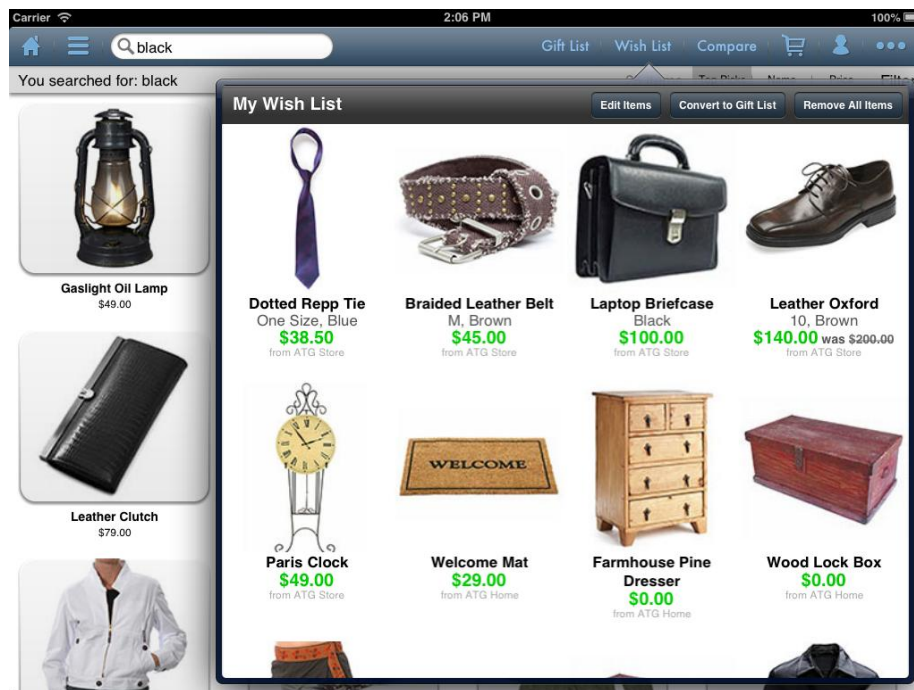
- Migration of users and groups from Workbench 2.1.2 and 3.1.0 to 3.1.2
- Migration of Workbench Tool access control settings from Workbench 2.1.2 and 3.1.0 to 3.1.2

Native iPhone and iPad Applications

The ATG Web Commerce 10.2 release, released in unison with Endeca Commerce 3.1.2, includes new native iOS reference applications for iPhone and iPad. These applications demonstrate how to leverage the Endeca Assembler to build native mobile applications. They include search, navigation and browse pages controlled using Endeca Experience Manager and Search and Navigation powered by Endeca Guided Search. The desktop and native mobile apps now leverage the same set of cartridges within Experience Manager, enabling the business user to more easily control common and device-specific digital customer experiences.



The native iOS applications also demonstrate core features within the ATG Commerce platform such as cart and checkout, scenarios and targeters, wish lists, gift-lists, and product compare. Please refer to the *What's New in Oracle ATG Web Commerce 10.2* document for more information on the enhancements included in the mobile reference applications.



Additional Changes

The Endeca Commerce 3.1.2 release also includes a large number of bug fixes. For the full list of fixes, see the release notes available in the product documentation set and in the root directories of the installations.

Additional changes included within the Oracle Endeca Commerce 3.1.2 release can be found in the migration guides included within each package's product documentation set. The product documentation can be found on <http://docs.oracle.com>.



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3.1.2 What's New Reference Document
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