ORACLE ENDECA WEB ACQUISITION TOOLKIT

Oracle Endeca Information Discovery 3.1 offers a complete solution for agile data discovery across the enterprise, empowering business user innovation in balance with IT governance and control.

An integral part of release 3.1, Oracle Endeca Web Acquisition Toolkit provides an agile, graphical interface for harvesting content from the Web, allowing developers to rapidly access and integrate any information exposed through a web front-end. Organizations can now cost-effectively include content from consumer sites, industry forums, government or supplier portals, cloud applications, and other Big Data sources as part of their overall strategy for data discovery and unstructured analytics.

Key Functionality

The Oracle Endeca Web Acquisition Toolkit offers easy access to myriad web sources, regardless of whether these sources have APIs, and integrates readily into any IT environment by supporting a wide variety of enterprise standards:

Oracle Endeca Web Acquisition Toolkit Design Studio, which is a visual, fully integrated development environment for building data integration workflows. Combining the best aspects of a web browser and visual flow editor, Design Studio eliminates the need to write code by enabling developers to visually navigate applications and data sources, or by using a powerful XML editor, to then generate workflows in minutes. Design Studio includes integrated QA and production support tools, such as performance dashboards, and viewers and schedulers for data sources and targets, for instantly correcting errors and refining workflows before they are pushed to production.
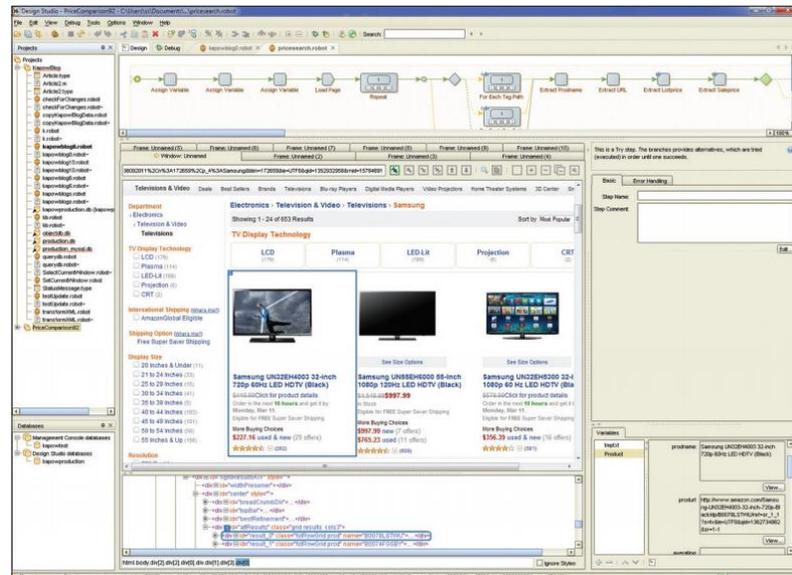

Figure 1 – Point-and-click creation of workflows in Design Studio

ORACLE ENDECA WEB ACQUISITION TOOLKIT KEY FEATURES

- Visually access a wide variety of web-based unstructured sources, even those without APIs

- Quickly develop data integration workflows with Design Studio, an intuitive, point-and-click integrated development environment

- Workflows deliver data into Endeca Information Discovery, for use in both IT-curated and self-service applications

- Govern and monitor the entire toolkit using the web-based Management Console

- Business users can intuitively access Toolkit-harvested content through the Endeca Data Source Library

ORACLE ENDECA WEB ACQUISITION TOOLKIT KEY BENEFITS

- Transform data into market and competitive intelligence by easily incorporating it into discovery in the moment

- Fast, visual access to data eliminates complex integration tasks, enabling rapid, agile prototyping and accelerating time to value

- Cost-effectively harness Big Data and extend it with text enrichment and sentiment analysis in Oracle Endeca Information Discovery

- Empower business users by easily making more content available to include in self-service discovery

Management Console provides web-based governance and monitoring of the Oracle Endeca Web Application Toolkit. Once built, workflows are uploaded to the Management Console, where they can be viewed and scheduled for batch or on-demand execution by business users. Workflows can be composed to run in parallel for optimal performance.

Role-based administration allows secure, granular control over integration projects, access rights, and viewing of workflow results. Administrators can define user access using LDAP or Active Directory.

Read/Write Access to Data Endpoints enables integration with a wide array of data sources, including relational and NoSQL databases. Broad business analytics support includes access to Oracle Hyperion and other business analytics sources. Access is also available to email, FTP, RSS and Web services.

Support for Multiple Data Types enables data transformations for database types (binary, timestamp, varchar, char, etc.), HTML, XML, JSON, CSV, PDF, and JavaScript. Design Studio supports regular expressions, data mapping, conversions (string, numeric, date, time); multi-byte and bidirectional character sets; and has dedicated views for rendering HTML, XML and spreadsheets.

Extensive Security Controls provide role-based access to the toolkit, secured with LDAP or Active Directory. Security controls include alerts and a complete historical record of any transaction. Authentication is enabled for sites and web services through basic authentication, NTLM, user ID/password, OAuth, or digital certificates.

Standards-based Governance and Management include a complete browser-based Management Console for production management and monitoring. The Toolkit also works with existing JMX/SNMP-based management tools such as IBM Tivoli, HP OpenView, Oracle Enterprise Manager, and CA Unicenter.

RELATED PRODUCTS

- Oracle E-Business Suite Extensions for Oracle Endeca
- Oracle Exalytics In-Memory Machine
- Oracle Business Intelligence Foundation Suite
- Oracle Business Intelligence Enterprise Edition
- Oracle Business Intelligence Publisher
- Oracle Business Intelligence Applications
- Oracle Real-Time Decisions
- Oracle Hyperion Enterprise Performance Management Applications

Contact Us

For more information about Oracle Endeca Information Discovery, visit oracle.com/goto/endeca or call +1.800.ORACLE1 to speak to an Oracle representative.

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