

Report it All, or Any Question, All the Answers

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THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

Introduction

Billy Rawles, Senior Database Engineer

38 years IT experience

28 Years with Church History

The Church of Jesus Christ of Latter-Day Saints

World Wide Church

14 Million Members

Church Headquarters in Salt Lake City. Utah.

Church History Library

Collections consist of manuscripts, books, Church records, photographs, oral histories, architectural drawings, pamphlets, newspapers, periodicals, maps, microforms, and audiovisual materials. The collection continues to grow annually and is a prime resource for the study of Church History. Our collection contains approximately:

- 270,000 books, pamphlets, magazines, and newspapers
- 240,000 collections of original, unpublished records (journals, diaries, correspondence, minutes, etc.)
- 13,000 photograph collections
- 23,000 audiovisual items
- Library, Archives, and Museum collections



History

- We implemented Aleph in October 2010
- Old System
 - Adhoc reporting
 - Report all tags and subfields
 - Integration with other Church systems
- New Requirement
 - Real-time component for circulation

Church Reporting Application

- Based on Oracle Business Intelligence
 - purchased from Oracle
 - capabilities include enterprise reporting, ad hoc query and analysis, dashboards
- Implemented by the Church for worldwide reporting
- Contains data from many Church applications
- Church-wide security

Church Reporting Application

- Real-time data
 - based on Oracle tables
- Warehouse data
 - extract data and save in the warehouse
- Historical Warehouse Data
 - warehouse data that is not current

Real-Time Data

- Data from any oracle table or view
- Reports
 - can be utilized in real-time reports
 - related to warehouse data
- Dashboard
 - Displays data
 - Refresh display for a real-time view

Real-Time Data Usage

- Circulation is the prime data for real-time processing
- Dashboard
 - Hold Requests
 - Loans
- Reports
 - Patron loans

Circulation Dashboard

Display current circulation hold requests

Church History Library Requests - Windows Internet Explorer

https://dashboards.ldschurch.org/corda/dashboards/CHL_Dashboard/main.dashxml

File Edit View Favorites Tools Help

Business Intelligence | Busine... Church History Library Re... X

Home Exit Settings Print Help

Oustanding Requests

Alert	Elapsed Time	Requester	Active Account	Call Number	Material	Description	Location	Barcode	Open Date	Printed	Origin	Z305 Bor Status	User Type
●	0 Days 0 Hours 37 Minutes	Matson, Diane	5	M273.41 A441 2009	BOOK	[BOOK] ITEM 1	1 C 26 7 6	100000737304	2011-05-02	YES	DMATSON	10	Staff
●	0 Days 0 Hours 31 Minutes	Storey, Annalee	10	M252.4 H832a 1974	BOOK	[BOOK] ITEM 1	1 C 33 10 7	100000403718	2011-05-02	YES	LSKIDMORE	10	Staff
●	0 Days 0 Hours 27 Minutes	Storey, Annalee	10	MS 22200	PHOTO	[PHOTO] BOX 34	L1 N 19 7 3	100001128876	2011-05-02	YES	LSKIDMORE	10	Staff
●	0 Days 0 Hours 20 Minutes	Madrid, Daniela	9	OH 935	PCOPY	[PCOPY] FOLDER 1	1 N 37 5 2 // 8 (100000516720)	100000516722	2011-05-02	YES	KSEARCY	01	Patron
●	0 Days 0 Hours 15 Minutes	Magleby, Cathy	1	PH 4806	PCOPY	[PCOPY] FOLDER 1	2 S 13 6 1 // 3 (100000578275)	100000578302	2011-05-02	YES	ALMORRELL	01	Patron
●	0 Days 0 Hours 7 Minutes	Miller, Elwayna Missionary	0	M257.12 C689g	PAMPH	[PAMPH] FOLDER 1	1 C 57 10 5 // 4 (100000390823)	100000859270	2011-05-02	YES	KSEARCY	10	Staff
●	0 Days 0 Hours 5 Minutes	Tabla, Mark	0	325451 c. 2	MULTI	[MULTI] ITEM 1	1 S 7 3 3 // 3 (100000410016)	100000464140	2011-05-02	YES	MTABLA	10	Staff
●	0 Days 0 Hours 5 Minutes	Tabla, Mark	0	325451	MULTI	[MULTI] ITEM 1	1 S 8 1 2 // 4 (100000490011)	100000489991	2011-05-02	YES	MTABLA	10	Staff
●	0 Days 0 Hours 4 Minutes	Miller, Elwayna Missionary	0	M279.6 J54p 1977	PAMPH	[PAMPH] FOLDER 1	1 C 52 6 7 // 3 (100000405667)	100003009985	2011-05-02	YES	KSEARCY	10	Staff

Local intranet 100%

Data Warehouse

- Available Data
 - BIB, HOLDING, and Authority data*
 - All tags and subfields
 - From Aleph XML export
 - Aleph Oracle tables
 - Other Church Applications

Many Reporting Options

- Complex queries
- Searching
- Sharing
- Scheduled reports
- E-mail
- Formatting
- Personalized views
- Personal dashboard
- Time savers
- Etc.

Date Warehouse

CHURCH REPORTING APPLICATION Powered by Business Objects

Welcome: RawlesBA

Home | Document List | Open | Send To | Dashboards

Help | Preferences | About | Log Out

New Web Intelligence Document

Edit Query | Edit Report

Run Query


Add Query | SQL

Data Properties

- Church History Library
 - Bib
 - Bib Attributes
 - Bib Tag and Subfields (Advanced)
 - Holding
 - Item Attributes
 - Item Audits
 - Circulation Dates
 - Patron Attributes
 - Staff Attributes
 - Helper Objects


Result Objects

To include data in the report, select objects in the Data tab and drag them here. Click Run Query to return the data to the report.



Query Filters

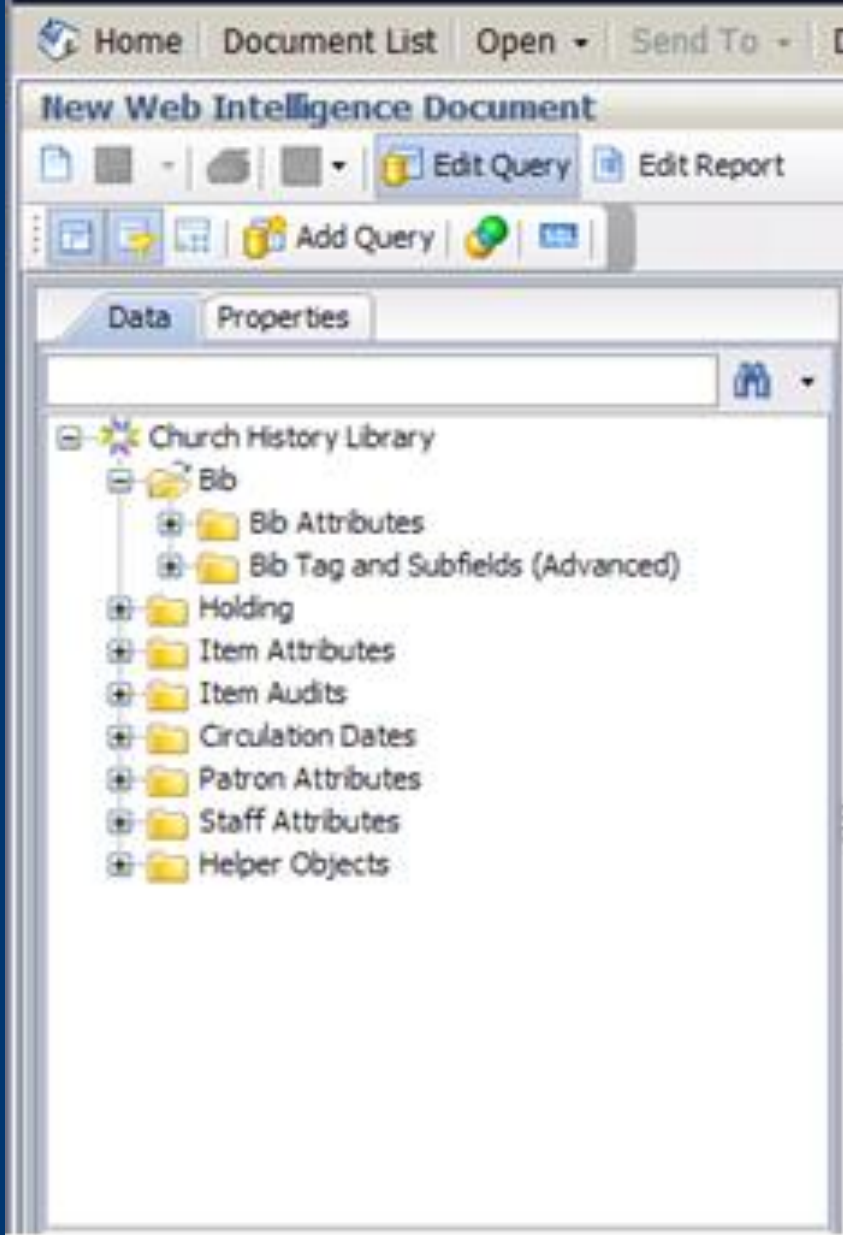
To filter the query, drag predefined filters here or drag objects here then use the Filter Editor to define custom filters.



CHURCH REPORTING APP

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Left Panel



Right Panels

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Query Filters

To filter the query, drag predefined filters here or drag objects here then use the Filter Editor to define custom filters.

Data Available

The screenshot shows a software window with two tabs: 'Data' and 'Properties'. The 'Data' tab is active. Below the tabs is a search bar and a folder icon. The main area displays a tree view. The root folder is 'Bib', which contains a sub-folder 'Bib Attributes'. This sub-folder is expanded, showing a list of data fields. The fields are: Bib Id (001), Bib Date Created (005), Bib Updated Date, Bib Warehouse Update Date, Bib Format (FMT), Bib Leader (LDR), Bib Hmms Control Field (003), Bib Fixed Field (008), Bib Main Entry (100a, 110a), Bib Call Number (090a, 099a), Bib Title (245a, 130a, 240a), Bib Count (highlighted with a red box), Bib DELa, Bib LDRu, Bib OWNa, Bib SIDa, and Bib SIDb.

- Bib
- Bib Attributes
 - Bib Id (001)
 - Bib Date Created (005)
 - Bib Updated Date
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- Bib Count
- Bib DELa
- Bib LDRu
- Bib OWNa
- Bib SIDa
- Bib SIDb
- Bib STAA
- Bib CAT
- Bib LKR
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- Bib 4XX Subfields
- Bib 5XX Subfields
- Bib 6XX Subfields
- Bib 7XX Subfields
- Bib 8XX Subfields
- Bib 9XX Subfields

Questions and Answers

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