

OpenText™ AppEnhancer

Data Dictionary Reference Guide

This document contains a listing of all data dictionary tables created by the application. It also provides information about associated field definitions, indexes, and flags.

EAXCORE240400-RDD-EN-1

OpenText™ AppEnhancer
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EAXCORE240400-RDD-EN-1
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Chapter 1

Introduction

The tables in this document comprise a summary of all the tables created when a new application is created in Admin Web.

Chapter 2

AppEnhancer Data Dictionary tables

This chapter discusses all the tables created when a new application is created in Admin Web. Each table lists the fields and briefly describes the fields and their purpose.

Table names followed by a # sign indicate a table that is unique for each application in the system. The # designates the corresponding application ID value from the AE_APPS table. For example, AE_DT1 table is the index data table for application ID # 1.

AppEnhancer may keep backups of the following tables. The backup tables begin with an XE_ or YE_ designation (e.g. XE_APPS) and will be located in the same directory or database as the AE_ tables. If these tables need to be dropped, take a full backup of the database before dropping them.



Note: Editing the data dictionary tables is not supported.

2.1 Applications and Documents

This section discusses database tables related to applications and documents.

2.1.1 AE_AI#

The AE_AI# table contains the imported auto index information for an application. Each value in the table gets deleted as it is used in the application.

Column Name	Data Type	Size	Description
field(n)	variable	variable	auto index field in application
loaddate	varchar	20	import date of this auto index record
docid	int	4	document id

Indexes

Index Name	Index Columns
ae_ai#	docid
index(n)	If field(n) is searchable

2.1.2 AE_CO

The AE_CO table contains document check out information.

Column Name	Data Type	Size	Description
appid	smallint	2	application id
docid	int	4	document id which was checked out
orgdocid	int	4	document id of initial revision
revdocid	int	4	document id reserved for check-in later
revnum	int	4	revision number of checked out document
usrid	int	4	user id who checked out the document
wsname	varchar	250	Workstation name
checkoutby	varchar	64	user who checked out the document
checkoutdt	varchar	20	checkout timestamp
cocomment	varchar	254	checkout comment

Indexes

Index Name	Index Columns
ae_co	appid, docid
index1	checkoutby
index2	appid, orgdocid
index3	appid, revdocid

2.1.3 AE_DA#

The AE_DA# table contains ODMA compliant attribute settings for each document in an application.

Column Name	Data Type	Size	Description
docid	int	4	document id
docname	varchar	132	document name
author	varchar	132	document author
subject	varchar	132	document subject

Column Name	Data Type	Size	Description
comments	varchar	254	comments of document
createdby	varchar	64	document's creator
createddt	varchar	20	document's creation timestamp
modifyby	varchar	64	document's last modified by
modifydate	varchar	20	document's last modified timestamp

Indexes

Index Name	Index Columns
ae_da#	docid

2.1.4 AE_DK#

The AE_DK# contains ODMA compliant keyword search attributes for each document in an application.

Column name	Data Type	Size	Description
docid	int	4	document id
keyword	varchar	132	keyword associated with this document

Indexes

Index Name	Index Columns
ae_dk#	docid
index1	keyword

2.1.5 AE_DL#

The AE_DL# table contains the page pointers to images for each page in a non-centera enabled application.

Column Name	Data Type	Size	Description
docid	int	4	document id
pagenum	int	4	page number of document

Column Name	Data Type	Size	Description
subpagenum	smallint	2	sub page number of document
pagever	tinyint	1	page version
objectid	int	4	object id
pathid	smallint	2	path id for the object file
annotate	smallint	2	path id for the annotations file
formatid	int	4	ODMA client app id defined in ae_cfmt
annoteid	int	4	annotation id
data1	int	4	ArchiveXtender information
data2	int	4	ArchiveXtender information
data3	int	4	ArchiveXtender information
ftoffset	int	4	Full-text offset
ftcount	int	4	Full-text page count

Indexes

Index Name	Index Columns
ae_dl#_index#	docid
ae_dl#_index#	pathid, objectid
ae_dl#_index#	annotate, annoteid
ae_dl#_index#	subpagenum, objectid
ae_dl#_index#	data1, data2

2.1.6 AE_DLSD#

The AE_DLSD# table contains the page pointers to images for each page in an centra enabled application.

Column Name	Data Type	Size	Description
docid	int	4	document id
pagenum	int	4	page number of document

Column Name	Data Type	Size	Description
subpagenum	smallint	2	sub page number of document
pagever	tinyint	1	page version
objectid	int	4	object id
pathid	smallint	2	path id for the object file
clipid	varchar	82	Clip id for the object file in Centera
filets	varchar	16	UNC file create time stamp
annotate	smallint	2	path id for the annotations file
formatid	int	4	ODMA client app id defined in ae_cfmt
ftoffset	int	4	Full-text offset
ftcount	int	4	Full-text page count

Indexes

Index Name	Index Columns
ae_dlsd#_index#	docid
ae_dlsd#_index#	pathid, objected
ae_dlsd#_index#	clipid
ae_dlsd#_index#	filets
ae_dlsd#_index#	subpagenum, objectid

2.1.7 AE_DT#

The AE_DT# table contains the index data for images in a particular application.

Column Name	Data Type	Size	Description
field(n)	variable	variable	application field
docid	int	4	document id
numobjects	int	4	number of objects in a document
iscom	tinyint	1	cold data flag setting (0=not cold, 1=cold)
idxid	int	4	Index id

Column Name	Data Type	Size	Description
modts	datetime	8	Modified time stamp
ftts	datetime	8	Full texted time stamp
deleteUsrId	int	4	<p>UserId of the user who inserted the Document into Recycle Bin.</p> <p>This column will only be added, if the particular application is enabled for the Recycle Bin.</p>

Indexes

Index Name	Index Columns
ae_dt#_index#	docid
ae_dt#_index#	modts
ae_dt#_index#	deleteUsrId, this index will only be added, if the particular application is enabled for the RecycleBin.
ae_dt#_index# (n)	If field(n) is searchable, there will be multiple indexes as per the count of searchable fields.

Iscoms

Iscom	Description
0x01	COLD compressed document file
0x02	The document can only be accessed through Workflow integration
0x04	Document is versioned
0x08	Reserved for checkin – document is on Retention
0x10	Document is being checked out
0x20	Document is on retention hold
0x40	Previous revision indicator
0x80	Document is the working revision

2.1.8 AE_RF#

The AE_RF# table contains reference file data for applications configured as key reference file apps.

Column Name	Data Type	Size	Description
field(n)	variable	variable	Reference key field of application
field(n)	variable	variable	reference data field of application

Indexes

Index Name	Index Columns
ae_rf#	Field(n) of key reference field
Index#	Other searchable fields

2.1.9 AE_RH#

The AE_RH# tables contains revision history of documents.

Column Name	Data Type	Size	Description
docid	int	4	document id
orgdocid	int	4	document id of initial revision
revnum	int	4	document revision number
checkinby	varchar	64	user who checkin the document
checkindt	varchar	20	check in timestamp
cicoment	varchar	254	checkin comment
deleteUsrId	int	4	<p>UserId of the user who inserted the Document into RecycleBin.</p> <p>This column will only be added, if the particular Application is enabled for the RecycleBin.</p>

Indexes

Index Name	Index Columns
ae_rh#_index#	docid
ae_rh#_index#	orgdocid
ae_rh#_index#	deleteUserId, this index will only be added, if the particular Application is enabled for the RecycleBin.

2.2 Configuration

This section discusses database tables related to configuration.

2.2.1 CM_AUDIT

The CM_AUDIT table stores the audit event id, name and description. This table can be used in conjunction with the AE_AUDIT table to generate reports. The addesc column is provided for end user IT to an additional value for the Event name.

Column Name	Data Type	Size	Description
eventid	int	4	Event Id
adname	varchar	33	Event Name
addesc	varchar	255	Event Description (user provided)

Indexes

Index Name	Index Columns
cm_audit	eventid

2.2.2 CM_CLPHIST

The CM_CLPHIST table deletes clip ids.

Column Name	Data Type	Size	Description
sdname	varchar	40	Centera cluster's name
Clipid	varchar	82	Clip ids
Movets	varchar	16	Time stamp of the operation
restoken	varchar	80	Resource string, most likely object reference string

Column Name	Data Type	Size	Description
jobtype	int	4	PING_LIVE = 1, PAUSE_SERVICE =2, OBJECT_DEL=3, OBJECT_REF=4, SIGN_CERT=5, CENTERA_INFO=6, SET_RETENTION=7, RETENTION_HOLD =8, ACTIVATE_GC=9, CLEAN_CLIPHIST=1 0, Sync jobs>= 1000, Async jobs < 1000

Indexes

Index Name	Index Columns
cm_clphist	sdname, clipid
index1	movets

2.2.3 CM_CONFIG

The CM_CONFIG table stores the definitions of CM configuration.

Column Name	Data Type	Size	Description
idname	varchar	200	Configuration name
seqnum	smallint	2	Segment sequence number
datastream	varchar	1024	Configuration data
ts	datetime	8	timestamp

Indexes

Index Name	Index Columns
cm_config	idname,seqnum

2.2.4 CM_CSJOBQUEUE

The CM_CSJOBQUEUE table stores the jobs submitted to Centera service.

Column Name	Data Type	Size	Description
jobid1	int	4	Jobid1
jobid2	int	4	Jobid2
jobid3	int	4	Jobid3
jobid4	int	4	Jobid4
jobtype	int	4	PING_LIVE = 1, PAUSE_SERVICE =2, OBJECT_DEL=3, OBJECT_REF=4, SIGN_CERT=5, CENTERA_INFO=6, SET_RETENTION=7, RETENTION_HOLD =8, ACTIVATE_GC=9, CLEAN_CLIPHIST=1 0, Sync jobs>= 1000, Async jobs < 1000
jobstate	int	4	1 = new; 2 = pending; 3 = done; 4 = failure
jobstatets	varchar	16	Job state change time stamp
jobstatus	int	4	Not used
jobowner	varchar	250	Job owner
requestdata	varchar	1024	Request data in the format of xml
respondedata	varchar	1024	Response data in the format of xml

Indexes

Index Name	Index Columns
cm_csjobqueue	jobid1,jobid2,jobid3,jobid4
index1	jobtype
Index2	Jobstate, jobstatets
Index3	jobstatets

2.2.5 CM_CSJOBQUEUE_LOG

The CM_CSJOBQUEUE_LOG table stores the processed jobs submitted to Centera service.

Column Name	Data Type	Size	Description
jobid1	int	4	Jobid1
jobid2	int	4	Jobid2
jobid3	int	4	Jobid3
jobid4	int	4	Jobid4
jobtype	int	4	PING_LIVE = 1, PAUSE_SERVICE =2, OBJECT_DEL=3, OBJECT_REF=4, SIGN_CERT=5, CENTERA_INFO=6, SET_RETENTION=7, RETENTION_HOLD =8, ACTIVATE_GC=9, CLEAN_CLIP HIST=1 0, Sync jobs >= 1000, Async jobs < 1000
jobstate	int	4	1 = new; 2 = pending; 3 = done; 4 = failure
jobstatets	varchar	16	Job state change time stamp
jobstatus	int	4	Not used

Column Name	Data Type	Size	Description
jobowner	varchar	250	Job owner
requestdata	varchar	1024	Request data in the format of xml
respondedata	varchar	1024	Response data in the format of xml

Indexes

Index Name	Index Columns
cm_csjobqueue_log	jobstatets

2.2.6 CM_RSCACHE

The CM_RSCACHE table stores the file cache information generated by CM rendering server for each job queue.

Column Name	Data Type	Size	Description
jobid1	int	4	Job id 1
jobid2	int	4	Job id 2
jobid3	int	4	Job id 3
jobid4	int	4	Job id 4
accesstime	varchar	16	Last access timestamp
accesscnt	int	4	Number of time being accessed
filesize	int	4	filesize
createtime	varchar	16	Timestamp for file creation
cedata	varchar	196	Cache file path

Indexes

Index Name	Index Columns
cm_rscache	jobid1,jobid2,jobid3,jobid4
index1	accesstime

2.2.7 CM_RSJOBQUEUE

The CM_RSJOBQUEUE table stores the definitions of CM rendering server job queue.

Column Name	Data Type	Size	Description
jobid1	int	4	Job id 1
jobid2	int	4	Job id 2
jobid3	int	4	Job id 3
jobid4	int	4	Job id 4
jobstate	int	4	Job state
jobstatets	varchar	16	Job state timestamp
jobstatus	int	4	Job status
requestdata	varchar	1024	Request data
respondedata	varchar	1024	Response data

Indexes

Index Name	Index Columns
cm_rsjobqueue	jobid1,jobid2,jobid3,jobid4
Index1	jobstate

2.3 General Administration

This section discusses database tables related to configuration table definitions, licenses, security, users, and other general administrative tasks.

2.3.1 AE_ADEFS

The AE_ADEFS table contains the field definitions for each application created in the specified data source.

Column name	Data Type	Size	Description
appid	smallint	2	application id
colnum	smallint	2	application field number
coldesc	varchar	64	application field description
colwidth	smallint	2	width of data type
datatypeid	smallint	2	Datatype id of this application field

Column name	Data Type	Size	Description
subid	smallint	2	sub id for field type
required	smallint	2	required flag (0=not required, 1=required)
readonly	smallint	2	read-only flag (0=not read only, 1=read only)
flags	smallint	2	flag settings for a field
colname	smallint	64	database column name used
listtable	smallint	32	list-user defined table name
editpic	varchar	254	field validation mask

Indexes

Index Name	Index Columns
ae_adefts	appid, colnum

Flags

Flags	Description
0x0001	Field is searchable
0x0002	Document Level security field
0x0004	Auto-index field
0x0008	Part of unique key
0x0010	Field value required; cannot be null
0x0020	Read-only field
0x0040	Reference key field
0x0080	Reference data field
0x0100	Dual data entry
0x0200	Value mask
0x0400	Leading zero
0x0800	Indexed by
0x1000	Timestamp

2.3.2 AE_AG

The AE_AG table contains the annotation groups.

Column Name	Data Type	Size	Description
grpId	int	4	Annotation group id
grpname	varchar	64	Annotation group name
ts	datetime	8	timestamp

Indexes

Index Name	Index Columns
ae_ag	grpId
index1	grpname

2.3.3 AE_AGS

The AE_AGS table contains the annotation permission for each user or group in the annotation group.

Column Name	Data Type	Size	Description
grpId	int	4	Annotation group id
usrid	int	4	User id (> 0) or group id (< 0)
Perms	Int	4	Annotation group permissions

Indexes

Index Name	Index Columns
ae_ags	grpId, usrid
index1	usrid

2.3.4 AE_ALS

The AE_ALS table stores the alias (user group) names and their respective alias id values.

Column Name	Data Type	Size	Description
aliasid	int	4	alias id
aliasname	varchar	64	alias name
aliasdesc	varchar	133	alias description
domnam	varchar	255	group's domain name
securid	varchar	254	Security Id
altname	varchar	64	Alternative security alias name
altdesc	varchar	132	Alternative security alias description
providerid	guid	16	identify the security provider for the user
ts	datetime	8	Time stamp

Indexes

Index Name	Index Columns
ae_als	aliasid
Index1	aliasname
Index2	securid

2.3.5 AE_AMAP

The AE_AMAP table stores the pointers that map alias id values to user accounts.

Column Name	Data Type	Size	Description
aliasid	int	4	alias id
usrid	int	4	user id

Indexes

Index Name	Index Columns
ae_amap	aliasid, usrid

2.3.6 AE_APPCFG

The AE_APPCFG contains the definitions of CM Configuration table.

Column Name	Data Type	Size	Description
idname	varchar	200	id name
seqnum	smallint	2	seq number
datastream	varchar	1024	configuration data
usrid	int	4	user id
appid	smallint	2	application id
ts	datetime	8	timestamp

Indexes

Index Name	Index Columns
ae_appcfg	idname, seqnum, usrid, appid

2.3.7 AE_APPS

The AE_APPS table contains the application definition for each application created in the specified data source.

Column name	Data Type	Size	Description
appid	smallint	2	application id
appname	varchar	64	application name
appdesc	varchar	128	application description
dtname	varchar	32	document (DT) table name
dlname	varchar	32	document (DL) page table name
tsstamp	varchar	19	timestamp for application creation
flags	int	4	application flag settings
pathid	smallint	2	current path id for the object files
annpath	smallint	2	current path id for the annotation files
txtpath	smallint	2	current path id for the OCR text

Column name	Data Type	Size	Description
ftpath	smallint	2	ProIndex full-text database file path.
rfname	varchar	32	Key reference (RF) table name
ftsvid	int	4	Verity K2 server id. The server settings are located in AE_SVRLST table.
ftcolname	varchar	64	ftcolname column is Verity full-text collection name.
sdname	varchar	40	Centera cluster name when using Centera
sdcercid	varchar	82	Certificate file's clip id when using Centera
wflid	varchar	254	Workflow id

Indexes

Index Name	Index Columns
ae_apps	appid
Index1	appname

Flags

Flag	Description
0x00001	Multiple indexes per document
0x00002	Application has Document Level security
0x00004	Application has auto-index fields
0x00008	Application contains key reference fields
0x00010	Application has unique index
0x00020	Application use cluster index
0x00040	Can delete/purge application
0x00080	Prompt for checkout before opening document
0x00100	Must provide checkout comment
0x00200	Must provide check in comment
0x00400	Must provide HIPAA comment

Flag	Description
0x00800	Document signing has been turned on
0x01000	Application supports document retention administration
0x02000	Application supports records management classify and transfer
0x04000	Application supports Centera storage device
0x08000	Recycle Bin enabled
0x10000	Application supports Software retention
0x20000	Application supports EDB Events

2.3.8 AE_AUDIT

The AE_AUDIT table contains audit event information.

Column Name	Data Type	Size	Description
usrid	int	4	User id
wsid	Int	4	Workstation id
wsname	varchar	250	Workstation name
tsstamp	varchar	20	Time stamp of this audit event
eventid	int	4	Audit event id
appid	smallint	2	Application id
docid	int	4	Docucument id
atdesc	varchar	255	Audit description
username	varchar	132	User name
sessionid	varchar	40	Session id
id	bigint	8	Auto increment id
details	varchar	4000	Details of log event

Indexes

Index Name	Index Columns
index1	appid
index2	usrid
index3	tsstamp
index4	wsid
index5	eventid

Event Id

Audit Event Id	IDL Event Id	Description
0	axAuditID_LOGIN	Login in
1	axAuditID_LOGOUT	Logout ApplicationXtender
2	axAuditID_APPCREATE	Create an Application
3	axAuditID_APPDELETE	Delete an Application
4	axAuditID_APPMODIFT	The application is modified
5	axAuditID_GROUPCREATE	Group creation
6	axAuditID_GROUPDELETE	Group Deletion
7	axAuditID_GROUPMODIFY	Group Modification
8	axAuditID_USERCREATE	User creation
9	axAuditID_USERDELETE	User deletion
10	axAuditID_USERMODIFY	User modification
11	axAuditID_QUETECREATE	Queue creation
12	axAuditID_QUEUEDELETE	Queue deletion
13	axAuditID_DOCNEW	New document creation
14	axAuditID_DOCDELETE	Document deletion
15	axAuditID_DOCINDEXMOD	Document index modified
16	axAuditID_DOCINDEXNEW	New document index creation
17	axAuditID_DOCINDEXDELETE	Document index deletion
18	axAuditID_PAGEVIEW	View a document page
19	axAuditID_PAGEINSERT	Insert a document page
20	axAuditID_PAGEDELETE	Document page deletion
21	axAuditID_VERSIONINSERT	Document page version insertion
22	axAuditID_VERSIONDELETE	Document page version deletion
23	axAuditID_ANNOTATIONMOD	Document annotation modification
24	axAuditID_TEXTVIEWCHG	Text view changed
25	axAuditID_BATCHCREATE	Batch creation
26	axAuditID_BATCHDELETE	Batch deletion
27	axAuditID_BATCHIMPORT	Batch importing

Audit Event Id	IDL Event Id	Description
28	axAuditID_BATCHINDEX	Batch indexing
29	axAuditID_BATCHPAGEADD	Add page to a batch
30	axAuditID_BATCHPAGEDELETE	Delete a page from a batch
31	axAuditID_BATCHPAGEATTACH	Attach a page to a batch
32	axAuditID_QUERYEXEC	Execute a query
33	axAuditID_QUERYSAVE	Save a query to the repository
34	axAuditID_QUERYDELETE	Delete a query object
35	axAuditID_QUERYMODIFY	Modified a existing query object
36	axAuditID_ODMAOP	ODMA operation
37	axAuditID_IMPORTUTIL	Import utility operation
38	axAuditID_ARCHIVE	Archive Wizard operation
39	axAuditID_MIGRATION	Migration Wizard operation
40	axAuditID_GENERICIMP	Generic Importing
500	axAuditID_ID_HIPAA_ACCESS	Accessing HIPAA compliant documents

2.3.9 AE_BS

The AE_BS table contains information concerning batch scan jobs.

Column Name	Data Type	Size	Description
appid	smallint	2	application id
batchid	int	4	batch id
usrid	int	4	user id
tsstamp	varchar	20	timestamp of batch creation
numpages	int	4	number of pages in the batch job
lastpage	int	4	last processed page in batch job
name	varchar	128	name of batch job
bgroup	varchar	255	Batch group

Column Name	Data Type	Size	Description
curstate	smallint	2	current state of batch job
memo	varchar	255	description of batch job
owner	int	4	Owner user id
classid	int	4	Batch class id

Indexes

Index Name	Index Columns
ae_bs	appid, batchid
index1	appid, name, bgroup

2.3.10 AE_BSDAT

The AE_BSDAT table contains page pointers for batch scan jobs.

Column Name	Data Type	Size	Description
appid	smallint	2	application id
batchid	int	4	batch id
docid	int	4	document id
pagenum	int	4	number of page in batch
objectid	int	4	object id
pathid	smallint	2	path id
annotate	smallint	2	current path id number for the annotations
subpagenum	smallint	2	subpage number
anoteid	int	4	Annotation object id
data1	int	4	ArchiveXtender information
data2	int	4	ArchiveXtender information
data3	int	4	ArchiveXtender information

Indexes

Index Name	Index Columns
ae_bsdat	appid, batchid, docid, pagenum, objectid, subpagenum

2.3.11 AE_BSEXT

The AE_BSEXT table contains page pointers for batch scan jobs.

Column Name	Data Type	Size	Description
appid	smallint	2	application id
classid	int	4	Batch class id (not use)
fieldname	varchar	64	App field name
paramid	int	4	Parameter id
paramval	varchar	254	Parameter value

Indexes

Index Name	Index Columns
ae_bsext	appid, classid, fieldname, paramid

2.3.12 AE_CFG

The AE_CFG table contains system configuration information including the latest version being run on the current data source.

Column Name	Data Type	Size	Description
cfgid	smallint	2	configuration id
cfgvalue	varchar	128	configuration value

Indexes

Index Name	Index Columns
ae_cfg	cfgid

CFG Id

cfgid	Description	Sample Value
1	The database version	4.20.18

cfgid	Description	Sample Value
2	Simultaneous users. Used by early AppEnhancer 3.x	255
3	Last assigned workstation id	4
4	Creator user name. Used by the early version.	
5	Last used print job id	1
6	Path semaphore. Used by the early version.	
7	Last archive id. Used by Archive Wizard	1
8	Data types. Used by AppEnhancer 3.x only.	VERSION 3.2
9	Authoring software for the database	
22	Machine name of the License Server	AXSERVER
23	Local number	
24	COLD report id	1
25	License Server 5.00 RPC Info (AppEnhancer 4.20)	
26	License Server 5.00 Group Name (AppEnhancer 4.20)	
27	Read-Only repository indicator	
30	Security provider 1- CM Security; 2- Windows Security; 3- EAI Security; 5- Directory (LDAP) Security For SCT integration which uses EAI security, the value is ♦OtgSctHk.ExtSec'.	1
31	Last assigned user id	2
32	Last assigned group id (reserved)	
33	Last annotation group id	1
35	The unique id for global UDL	
100	last global id for queues	1
101	last queue id	1
102	last job id	1

cfgid	Description	Sample Value
103	Last batch class id	1
104	Query Pre-Execution Hook	
105	Document Object Creation Hook	
106	Document Object Index Hook	
107	Document Object Delete Hook	
108	<p>Disable autoindex (AI) delete from AI dialog</p> <p>0x00 - Normal AI operation (delete entry after use)</p> <p>0x01 - Hide delete button</p> <p>0x02 - Hide delete all button</p> <p>0x04 - Hide select button</p> <p>0x08 - leave entry</p> <p>0x10 - auto-index fields are read-only during document index</p> <p>The value should be encoded as hex decimal, so to 'Hide delete button' and make 'auto-index fields read-only' the value should be '1F'.</p>	1F
109	<p>This string contains CM feature codes</p> <p>Show underscore application</p>	1
110	<p>Security provider setting in XSAAdmin: 1- CM Security; 2- Windows Security; 3- EAI Security; 5- Directory (LDAP)</p> <p>This value should be the same as the value defined in cfgid 30</p>	
111	Generated unique database identifier	GUID
112	AppGen Import User hook; works with CM Security only	
1000~1255	Reserved for audit	

2.3.13 AE_CFMT

The AE_CFMT table contains formatid information for ODMA (Open Document Management API) Compliance.

Column Name	Data Type	Size	Description
formatid	int	4	content format id
contentfrmt	varchar	254	ODMA-aware application name

Indexes

Index Name	Index Columns
ae_cfmt	formatid

2.3.14 AE_CXRPT

The AE_CXRPT table contains COLD extraction report information.

Column Name	Data Type	Size	Description
reportid	int	4	report id
rptdesc	varchar	254	report description
ts	varchar	20	Timestamp
appid	smallint	2	application id
pathid	smallint	2	path id
objectid	int	4	object id
seqnum	int	4	report segment sequence number
pagecnt	int	4	number of pages in the report segment
rpttype	varchar	32	Report type
clipid	varchar	82	Clip id

Indexes

Index Name	Index Columns
ae_cxrpt	reportid, appid, seqnum
index1	appid, pathid, objectid
Index2	clipid

2.3.15 AE_DFMT

The AE_DFMT table contains custom data formats for default and custom data types.

Column Name	Data Type	Size	Description
datatypeid	int	4	Data type id
fmtid	int	4	Data format id begin with 300
fmtname	varchar	128	Data format name
lcid	int	4	Locale id
editpic	varchar	254	Edit picture for the input value
valexpr	varchar	254	Regular expression for data validation
rawexpr	varchar	254	Regular expression for raw data extraction into database
fmtexpr1	varchar	254	Regular expression for display format
fmtexpr2	varchar	254	Regular expression for display format
defval	varchar	254	Default value
flags	int	4	Reserved
scale	smallint	2	Scale for numeric value
dbwidth	smallint	2	Database field size
fmtwith	smallint	2	Max input format length
ts	datetime	8	timestamp

Indexes

Index Name	Index Columns
ae_dfmt	datatypeid, fmtid

2.3.16 AE_DR

The AE_DR table contains the applications and documents, which have been reintegrated to this database by ReportXtender Database Reintegration Wizard.

Column Name	Data Type	Size	Description
mediapath	varchar	133	ReportXtender CD-ROM's media path. Paths begin \$ use volume label to identify the media. Paths begin with # uses file path.
appname	varchar	9	Application name
appid	smallint	2	Application id
docmin	int	4	The minimum document id generated by DBR process to associate the first document in the media.
docmax	int	4	The maximum document id generated by DBR process to associate the last document in the media.
newapp	smallint	2	1: means this application was created during the integration process. 0: means the application already exists during integration process.
tsstamp	varchar	20	The timestamp of specified documents in the application was integrated. The timestamp has YYYY/MM/DD HH:MM:SS format.

Indexes

Index Name	Index Columns
ae_dr	mediapath

2.3.17 AE_DTYPE

The AE_DTYPE table contains the user-defined data type information.

Column Name	Data Type	Size	Description
datatypeid	int	4	Custom data type id begin with 300
typename	varchar	128	Data type name
region	varchar	64	Region code
flags	int	4	Flags
dbtype	smallint	2	OleDb data type id
maxsize	smallint	2	Max size
minsize	smallint	2	Min size
attrib	int	4	Data type attributes used by AppGen
defattrib	int	4	Default attributes
ts	datetime	8	timestamp

Indexes

Index Name	Index Columns
ae_dtype	datatypeid

2.3.18 AE_JOB

The AE_JOB table lists the properties of a job in the queue. See AE_QUEUE table.

Column Name	Data Type	Size	Description
qid	int	4	queue id
jid	int	4	job id
jdesc	varchar	133	job description
usrid	int	4	user id that submitted the job
jprty	int	4	job priority
jstat	int	4	job status (0 – WAITING; 1 – PROCESSING; 2 – FAILED; 3 – FINISHED)

Column Name	Data Type	Size	Description
submitted	varchar	19	timestamp of job submission
started	varchar	19	timestamp of job start
finished	varchar	19	timestamp of job finishing
jstatdesc	varchar	133	job status description

Indexes

Index Name	Index Columns
ae_job	qid, jid

2.3.19 AE_JOBEL

The AE_JOBEL contains the elements for each job. This table is the child of AE_JOB. For Example each document submitted for a full text search will appear here.

Column Name	Data Type	Size	Description
qid	int	4	queue id
jid	int	4	job id
elnum	int	4	element number
appid	int	4	application id
docid	int	4	document id
pagenum	int	4	page number
pagever	int	4	page version
elstat	int	4	element status (0 – PENDING; 1 – DONE)
eldesc	varchar	133	element description

Indexes

Index Name	Index Columns
ae_jobel	qid, jid, elnum
index1	jid

2.3.20 AE_JOBENTRY

The AE_JOBENTRY contains the definitions of the full text job table.

Column Name	Data Type	Size	Description
jobid1	int	4	jobid1
jobid2	int	4	jobid2
jobid3	int	4	jobid3
jobid4	int	4	jobid4
jobtype	int	4	job type
qid	int	4	queue id
jobstate	int	4	job state
jobstates	varchar	16	job states
dependent	int	4	dependent
jobowner	varchar	250	job owner
requestdata	varchar	1024	request data of full text job
responsedata	varchar	1024	response data of full text job

Indexes

Index Name	Index Columns
ae_jobentry	jobtype
index2	jobstate, jobstates
index3	jobstates
index4	jobid1, jobid2, jobid3, jobid4

2.3.21 AE_JOBQUEUE

The AE_JOBQUEUE contains the definitions of the full text queue table.

Column Name	Data Type	Size	Description
qid	int	4	queue id
appid	smallint	2	application id
qname	varchar	64	queue name
qdesc	varchar	133	queue description

Indexes

Index Name	Index Columns
ae_jobqueue	appid
index2	qname

2.3.22 AE_LIC

The AE_LIC contains the definitions of license pool table.

Column Name	Data Type	Size	Description
wsname	varchar	250	workstation name
pid	int	4	pid
licserver	varchar	254	license server
licgrp	varchar	254	license group
lictype	int	4	license type
activenum	int	4	active number
reservednum	int	4	reserved number
poolstatus	int	4	license pool status
tsstamp	datetime	8	time stamp

Indexes

Index Name	Index Columns
ae_lic	wsname, pid, licserver, lictype

2.3.23 AE_LOCK

The AE_LOCK contains locks of document object and query object by applications.

Column Name	Data Type	Size	Description
usrid	int	4	user id of the login
sessionid	int	4	process id in AE_PID table
keytype	smallint	2	application key type: 0 = No Key, 1 = App Key, 2 = Document Key, 3 = Query Key. This the object that is locked
keyid1	int	4	application id

Column Name	Data Type	Size	Description
keyid2	int	4	document object id or query id
keyid3	int	4	reserved for future use
keyid4	int	4	workstation id
seqnum	int	4	sequence number generated by the lock
ts	varchar	20	timestamp of lock creation
locktype	smallint	2	Two type of locks. 0 = Read Only and 1 = Read / Write.
flags	int	4	constant value = 0

Indexes

Index Name	Index Columns
ae_lock	sessionid, keyid4, seqnum
index1	keyid1, keyid2, keytype
index2	usrid, keyid4
index3	ts

2.3.24 AE_LOCK2

The AE_LOCK2 contains the definition of temporary locks from administrator site's operations.

Column Name	Data Type	Size	Description
locktype	int	4	lock type
keyid1	int	4	key id field
keyid2	int	4	key id field
keyid3	int	4	key id field
keyid4	int	4	key id field
usrid	int	4	user id
sessionid	varchar	40	session id
seqnum	int	4	seq number
ts	datetime	8	timestamp

Indexes

Index Name	Index Columns
ae_lock2	locktype, keyid1, keyid2, keyid3, keyid4

2.3.25 AE_LOGIN

The AE_LOGIN table stores all user names, passwords, and unique user id values for a specified data source.

Column Name	Data Type	Size	Description
usrid	int	4	user id
usnam	varchar	64	user name
paswrđ	varchar	64	login password
fullnam	varchar	133	user's full name
domnam	varchar	255	domain name
securid	varchar	254	Security id
licgroup	varchar	128	OTG license group
altusnam	varchar	64	Alternative security user name
altpaswrđ	varchar	64	Alternative security login password
altfullnam	varchar	132	Alternative security user's full name
providerid	guid	16	To identify the security provider for the user
ts	datetime	8	timestamp
polid	varchar	64	Password policy id
lasts	datetime	8	Last login time stamp
pwdts	datetime	8	Last password change time stamp
susts	datetime	8	Account suspension time stamp
acctst	tinyint	1	Account state: 0-Active, 1-MustChangePassword, 2-Suspend,3-Disabled.

Indexes

Index Name	Index Columns
ae_login	usrid
index2	usnam
index3	securid
index4	providerid
index5	ts
index6	polid
index7	lasts
index8	pwdts
index9	susts
index10	acctst

2.3.26 AE_NAMES

The AE_NAMES table stores the name and characteristics of a data import specification (e.g. comma delimited ASCII files).

Column Name	Data Type	Size	Description
spectype	smallint	2	import specification type
appid	smallint	2	application id
sepcid	smallint	2	specification id
specname	varchar	128	specification name
fdelim	int	4	field delimiter

Indexes

Index Name	Index Columns
ae_names	spectype, appid, sepcid

2.3.27 AE_PATHS

The AE_PATHS table stores all valid path information for the specified data source.

Column Name	Data Type	Size	Description
pathid	smallint	2	path id
path	varchar	250	file path

Indexes

Index Name	Index Columns
ae_paths	pathid

2.3.28 AE_PERMS

The AE_PERMS table contains user permissions for application specific and global security profiles. Records with negative user IDs contain user group permissions. The User ID field for this record matches the Alias ID field from the AE_ALS table.

Column Name	Data Type	Size	Description
appid	smallint	2	application id
usrid	int	4	user id; usrid < 0 is used for group permissions; usrid = 0 is used for audit event setting
access1	int	4	access privileges
mask1	int	4	user access privileges mask
access2	int	4	access privileges
mask2	int	4	user access privileges mask

Indexes

Index Name	Index Columns
ae_perms	appid, usrid

2.3.29 AE_PID

The AE_PID table contains currently active logins on the system and what application state they are in. It is the process control table.

Column Name	Data Type	Size	Description
usrid	int	4	user id
wsid	Int	4	workstation id
pid	int	4	process id
appid	smallint	2	application id
state	smallint	2	state of this process
tsstamp	varchar	20	timestamp of this entry creation
otherinfo	varchar	254	other information
wsname	varchar	250	workstation name
lictype	int	4	license type
licgrp	varchar	254	license group
lsttsstamp	datetime	8	timestamp
sessionstate	int	4	session state

Indexes

Index Name	Index Columns
ae_pid	usrid, wsname, pid
index1	appid, state

2.3.30 AE_PQ

The AE_PQ table stores the print queue information for the print server.

Column Name	Data Type	Size	Description
jid	int	4	print job id
qname	varchar	32	print job queue name
jstat	smallint	2	print job statistics
numdocs	smallint	2	number of documents in print job
jdesc	varchar	251	job description

Indexes

Index Name	Index Columns
ae_pq	jid
index1	qname
index2	jstat

2.3.31 AE_PQD

The AE_PQD table stores the details of document information of a print job.

Column Name	Data Type	Size	Description
jid	int	4	job id
docnum	int	4	sequential number of documents in this print job
appid	smallint	2	application id
docid	int	4	document id
docdesc	varchar	251	document description

Indexes

Index Name	Index Columns
ae_pqd	jid, docnum, appid, docid

2.3.32 AE_PQN

The AE_PQN table stores the print queue name information for the print server.

Column Name	Data Type	Size	Description
qname	varchar	32	queue name
qstat	int	4	queue statistics
qdesc	varchar	251	queue description

Indexes

Index Name	Index Columns
ae_pqn	qname

2.3.33 AE_QRY

The AE_QRY stores the query name and id for each user's query.

Column Name	Data Type	Size	Description
queryid	int	4	query id
name	varchar	133	query name
creatorid	int	4	creator's user id
flags	int	4	query flag
appid	smallint	2	application id associated with the query

Indexes

Index Name	Index Columns
ae_qry	queryid, appid

2.3.34 AE_QSEG

The AE_QSEG contains the actual text of the query. Large Queries are broken into pieces. This is the child table of AE_QRY.

Column Name	Data Type	Size	Description
queryid	int	4	query id
type	int	4	query type
part	int	4	segment number
segment	varchar	133	query segment text

Indexes

Index Name	Index Columns
ae_qseg	queryid, type, part

2.3.35 AE_QUEUE

The AE_QUEUE stores jobs in order for processing. Presently, only the full text database uses the AE_QUEUE and associated tables.

Column Name	Data Type	Size	Description
qid	int	4	queue id
qtype	int	4	queue type
qname	varchar	32	queue name
qdesc	varchar	133	queue description
qstat	int	4	queue status

Indexes

Index Name	Index Columns
ae_queue	qid

2.3.36 AE_SEQ

The AE_SEQ table stores the next available sequencing numbers for an application. These include the next available document id, page/object id, and batch id.

Column Name	Data Type	Size	Description
appid	smallint	2	application id
docid	int	4	latest document id
objectid	int	4	latest object id
batchid	int	4	latest batch id
bsdoid	int	4	latest batch document id
formatid	int	4	latest format id

Indexes

Index Name	Index Columns
ae_seq	appid

2.3.37 AE_SPECS

The AE_SPECS table stores data import specifications for a particular data source.

Column Name	Data Type	Size	Description
spectype	smallint	2	specification type
appid	smallint	2	application id
specid	smallint	2	specification id
filecol	smallint	2	field number within the file
appcol	smallint	2	field number within application
maxwidth	smallint	2	maximum field length within the file
fmtstring	varchar	255	format string

Indexes

Index Name	Index Columns
ae_specs	spectype, appid, specid, filecol, appcol

2.3.38 AE_STAT

The AE_STAT table stores the statistical reporting information used in the Statistics program. This table is not used in 4.0. It is included for 3.x compatibility.

Column Name	Data Type	Size	Description
usrld	int	4	user id
appid	smallint	2	application id
docadd	int	4	number of documents added by user
docdel	int	4	number of documents deleted by user
docmod	int	4	number of document indexes modified by user
docret	int	4	number of documents retrieved by user

Column Name	Data Type	Size	Description
docprt	int	4	number of documents printed by user
docfax	int	4	number of documents faxed by user
docbi	int	4	number of documents batch indexed by user
docmi	int	4	number of documents migrated by user
pagadd	int	4	number of pages added by user
pagdel	int	4	number of pages deleted by user
pagmod	int	4	number of pages modified by user
pagret	int	4	number of pages retrieved by user
pagprt	int	4	number of pages printed by user
pagfax	int	4	number of pages faxed by user
pagbs	int	4	number of pages batch scanned by user

Indexes

Index Name	Index Columns
ae_stat	usrid, appid

2.3.39 AE_STICK

The AE_STICK table stores display any configuration information for applications.

Column Name	Data Type	Size	Description
appid	smallint	2	application id
stickyid	smallint	2	sticky id
usrid	int	4	user id
stickyinfo	varchar	255	sticky settings for application

Indexes

Index Name	Index Columns
ae_stick	appid, stickyid, usrid

2.3.40 AE_SVRLST

The AE_SVRLST table stores Full-text server and configuration information for applications.

Column Name	Data Type	Size	Description
serverid	int	4	Server id
typeid	int	4	Server type id
servername	varchar	255	Server name
port	int	4	Port number
attributes	varchar	254	Server attributes

Indexes

Index Name	Index Columns
ae_svrlst	serverid
Index1	typeid

2.3.41 AE_USRPRO

The AE_USRPRO table stores CM user profile information.

Column Name	Data Type	Size	Description
usrId	int	4	User id
profid	int	4	Profile id
appid	smallint	2	Application id
profset	varchar	250	Profile setting

Indexes

Index Name	Index Columns
ae_usrpro	usrId,profid,appid
Index1	Profid

2.3.42 AE_USRPROID

The AE_USRPROID table stores the mapping between the profile id and name.

Column Name	Data Type	Size	Description
profid	int	4	Profile id
profname	varchar	50	Profile name

Indexes

Index Name	Index Columns
Index1	profname
ae_usrproid	profid

2.3.43 AE_WSNAME

The AE_WSNAME table stores the unique workstation id assigned to workstation accessing the CM database. The workstation id start at 100001.

Column Name	Data Type	Size	Description
Wsid	int	4	Workstation id
wsname	varchar	250	Workstation name

Indexes

Index Name	Index Columns
Index1	wsname
ae_wsname	wsid

2.3.44 GUDL_###

The GUDL_### table stores the global user defined field information. The number refers to the unique ID generated from ae_cfg table.

Column Name	Data Type	Size	Description
itemid	smallint	2	item id
item	varchar	132	list-user defined item

Indexes

Index Name	Index Columns
gudl_###	itemid

2.3.45 H#_#

The h#_# table stores document level security information. The first number refers to the application id for the list-user defined field. The second number refers to the field number for the application.

Column Name	Data Type	Size	Description
aliasid	Int	4	alias id for group
dlstype	tinyint	1	value for inclusive or exclusive values
data	variable	variable	contains the actual values to secure or display

Indexes

Index Name	Index Columns
h#_#	aliasid, dlstype

2.3.46 UL#_#

The UL#_# table stores the list-user defined field information. The first number refers to the application id for the list-user defined field. The second number refers to the field number for the application.

Column Name	Data Type	Size	Description
itemid	smallint	2	item id
item	varchar	132	list-user defined item

Indexes

Index Name	Index Columns
ul#_#	itemid

2.4 Retention

This section discusses database tables related to retention and the Record Management system.

2.4.1 RM_DL

The RM_DL table contains the page pointers to images for each page in an application where the documents are managed by Record Management system.

Column Name	Data Type	Size	Description
appid	smallint	2	Application id
docid	int	4	document id
pagenum	int	4	page number of document
subpagenum	smallint	2	sub page number of document
pagever	tinyint	1	page version
objectid	int	4	object id
pathid	smallint	2	path id for the object file
annotate	smallint	2	path id for the annotations file
formatid	int	4	ODMA client app id defined in ae_cfmt
annoteid	int	4	annotation id

Column Name	Data Type	Size	Description
data1	int	4	ArchiveXtender information
data2	int	4	ArchiveXtender information
data3	int	4	ArchiveXtender information

Indexes

Index Name	Index Columns
rm_dl	appid, docid
index1	appid, pathid, objected

2.4.2 RM_DT

The RM_DT table contains the document information which the document is managed by Record Management system.

Column Name	Data Type	Size	Description
appid	smallint	2	application id
docid	int	4	document id
numobjects	int	4	number of objects in a document
iscom	tinyint	1	cold data flag setting (0=not cold, 1=cold)

Indexes

Index Name	Index Columns
rm_dt	appid, docid

2.4.3 RM_QRY

RM_QRY

The RM_QRY stores the query name and id for RM classification and retention rules.

Column Name	Data Type	Size	Description
appid	smallint	2	application id associated with the query
queryid	int	4	query id

Column Name	Data Type	Size	Description
name	varchar	270	query name
creatorid	int	4	creator's user id
flags	int	4	query flag

Indexes

Index Name	Index Columns
rm_qry	queryid, appid

2.4.4 RM_QSEG

The RM_QSEG contains the actual text of the query for Record Management classification and retention rules. Large Queries are broken into pieces. This is the child table of AE_QRY.

Column Name	Data Type	Size	Description
appid	smallint	2	application Id
queryid	int	4	query id
type	int	4	query type
part	int	4	segment number
segment	varchar	133	query segment text

Indexes

Index Name	Index Columns
rm_qseg	appid, queryid, type, part

2.4.5 AE_CFG2

The AE_CFG2 table stores the definitions of Record Management mapping between the Applications and RM system. The mapping information is stored in XML document format.

Column Name	Data Type	Size	Description
idname	varchar	200	Configuration name
seqnum	smallint	2	Segment sequence number
datastream	varchar	1024	Configuration data

Indexes

Index Name	Index Columns
ae_cfg2	idname,seqnum

2.5 Archive Wizard

This section discusses database tables related to Archive Wizard.

2.5.1 AE_ARCH

The AE_ARCH table contains information using by Archive Wizard.

Column Name	Data Type	Size	Description
archid	int	4	archive id
valid	varchar	67	archive volume identifier.
volsize	int	4	volume size

Indexes

Index Name	Index Columns
ae_arch	archid
Index1	valid

2.5.2 AE_ARCHW

The AE_ARCHW table is a working table using by Archive Wizard to update the document location information and remove source files after the associated document page files was archived.

Column Name	Data Type	Size	Description
archid	int	4	archive id
recnum	int	4	record number
appid	smallint	2	application id
docid	int	4	document id
pagenum	int	4	page number of document
pagever	tinyint	1	page version
subpagenum	smallint	2	sub page number
pathid	smallint	2	path id of the object file

Column Name	Data Type	Size	Description
objectid	int	4	object id of page version
annotate	smallint	2	path id of the document annotation file
newpath	smallint	2	new path id of document object file
annoteid	int	4	Annotation object id

Indexes

Index Name	Index Columns
ae_archw	archid
index1	recnum