

From: ATI03 AUTO03 (ATI10 AUTO10)
Date: 2010/08/04 13:21
Subject: very long attachment name
Attachments: TEXT.htm,
test.111111111111111111txt2222222222222222333333333333333344444444444444444445555555555555556666666666666677777777777777788888888888888888888888888888888888

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Page 1

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Architecture diagram

- Exchange system &M+Archive

Architecture components

- DP - Data Provider
- Archive Repository Structure
- Dynamic Store Backup library

Required cleanup, updates, upgrades

- DP consolidation and cleanup
- No single point of failure architecture (DP fail-over, SA failover, etc)
- DP interface as "Google Visualization-compliant data source" using Google Visualization API *wire protocol?*
- Audit files back-up and DR
- Event based triggers support in M+Open
- Support for scripted policies (python script as filtering policies)
- CAsore restore over the Content Router API
- Exalead search port to v10 API
- Exalead v5.0 port
- M+Open connector architecture redesign (code duplication across all connectors)
- Message/stub injection in GW
- Redesign M+Open clustering for communication over HTTP
- File based centralized PUSH/SEARCH/STORAGE server
- Consolidate configuration settings/repositories in RCIconfig w/ services requesting their own settings over an HTTP based protocol (policies, DP, SA, ISAPI filters etc)
- M+Open framework addaptation to M+Archive requirements -> less generic
- Diagnostic tools
- PDF conversion toolkit w/ support for redaction (commercial version)
- Diagnostics tab in webadmin
- Support for the latest version of .NET
- Indexing job load balancer, account name hash value based.

A few more ideas...

- Mailbox iterator (the one you don't want)

Centralize the business logic in a single component

Same way to manage the counters

Same way to log stuff;

- Creation of a device component to centralize the code related to writing/updating/deleting (maybe indexing) the messages. All jobs should use this to update the devices. Basically it's refactoring the existing code and remove the duplication.
- Clean up of the job/Framework billion of tracing modules;
- Creation of a super job responsible of managing the duplicate code for all the jobs + code review of all jobs to remove duplication/properly manage the errors/log/count etc...
- Revisit the Integrity Checker, make it's visible and useful;
- Review of all mappings for all job kinds + documentation of the data models and mapping;
- Central point of configuration for all components + Notifications to the registered components of config changes + configuration updates without service restarts;
- Standardization of logging/tracing for all components, including log rotations et folder structure;
- More solid management of account rename;
- More solid management of attachment references count for deletion (Not based on index);
- Disconnect the "on-line" dependency of e-dir. Have an e-dir watcher connected to the configuration manager to distribute the configurations when changed. This should simplify a lot the set-ups.
- System health watcher and post install diagnostic to make sure all is set properly (including the node states).
- Review of the data providers, including getting rid of Exalead Web Service, which is a pain;

Property	Value
Message id	4C596942.dom1.po1.100.16A646C.1.E0.1
Message Path	xml/Mailbox/4C596942.dom1.po1.100.16A646C.1.E0.1.xml
From	ATI03 AUTO03 (ATI10 AUTO10)
Display Name	ATI03 AUTO03 (ATI10 AUTO10)
Email	ati10@smt.qa.com
UUID	1C6CD4F0-0200-0000-BC4B-AAA2BC7891B1
Reply To	ati10@smt.qa.com
Text	ATI03 AUTO03 (ATI10 AUTO10)
To	

Property	Value
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Recipients	0
Expire	0
Delay delivery until	0
Delegated	false
Archived	false
Read	true
Deleted	false
Opened	true
Completed	false
Security	Normal
Box type	Inbox
Return notification when opened	false
Return notification when deleted	false
Return notification when completed	false
Return notification when declined	false
Return notification when accepted	false
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Source	personal
Class	Public
Account	ATI10 AUTO10@ATI10.po1.dom1
Location ID	1295973731638
Class Name	GW.MESSAGE.MAIL
Original Subject	
Personal Subject	
Enclosing Folders	1
Folder	Mailbox
ID	7.dom1.po1.100.0.1.0.1@16
Name	Mailbox
Type	Mailbox
System	true
Share Type	NotShared