Data Change Management (DCM) - About Seifware Inc.

- ★ Seifware Inc. is an independent Maximo service provider since 2011
- ★ Small business focused on business analysis, system architecture and professional services
- ★ Contact: <u>amers@seifware.com</u> / <u>www.seifware.com</u>
- ★ Managing Consultant:



Amer Seifeddine in Managing Consultant at Seifware Inc.



Data Change Management (DCM) - What is DCM?

★ What is DCM?

- Maximo add-on that manages, tracks and executes Maximo data change requests
- Routes data change requests for approval, preview or execution
- Scenario oriented orchestrating multiple tasks
- Supports template creation for efficient data loading of repeated scenarios
- Change aware and capable of rolling back committed data changes/scenarios
- Maintains and tracks data integrity using its internal data dictionary and algorithms
- Supports data designing on excel then pasting in Maximo and supports importing data from CSV files
- Supports revision control, friendly logging and progress tracking
- Supports immediate execution or scheduling during non-working hours
- User and SaaS friendly
- High Performance Data Loader

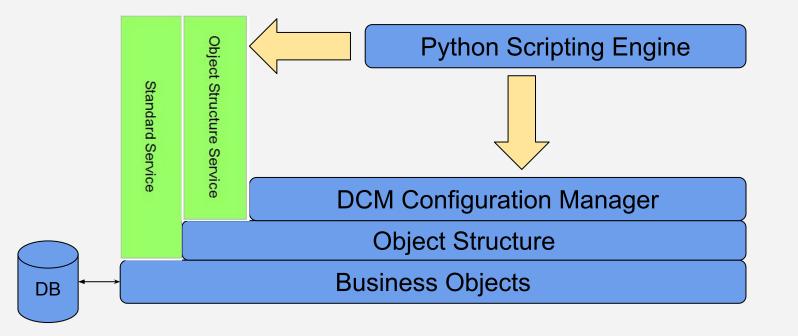


Data Change Management (DCM) - Why DCM?

Features	DCM	Others	Notes
Key Modification		*	* Inaccurate key modifications relying solely on sameasobject and sameascolumn (ex: Master PM)
Simple Data Loading Through Maximo Integration Framework		*	* Data loading requiring technical experience and has no tracking, auditing, rollback or coordination of requests
Maximo Embedded / Workflow Capable	 Image: A set of the set of the		
Scenario Orchestration / What if Analysis	~		
Rollback Capabilities	 Image: A start of the start of		
Scheduled Execution	~		
Tracking, Versioning and Auditing	 Image: A second s		
Configurable, SaaS and User Friendly			



Data Change Management (DCM) - Solution Architecture





Data Change Management (DCM) - Solution Overview -1

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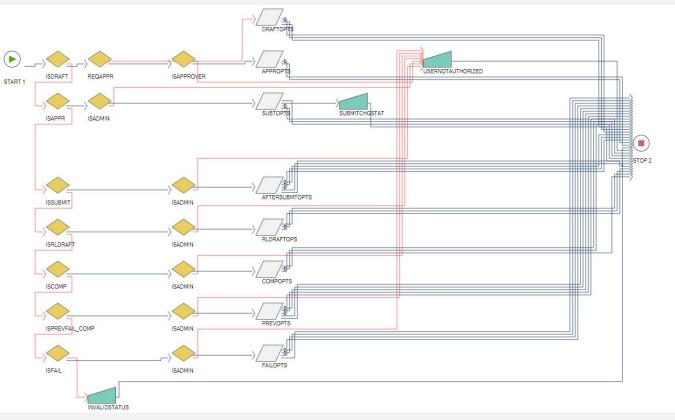
Data Change Management (DCM) - Solution Overview -2

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4	86 O LOCATIONS MAXEXC	EL Update Existing Locations/Specs	5,555	100.00	>	<u> </u>	What if Analysis (Exclude/Include specific tasks)
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Data Change Management (DCM) - Solution Overview -3

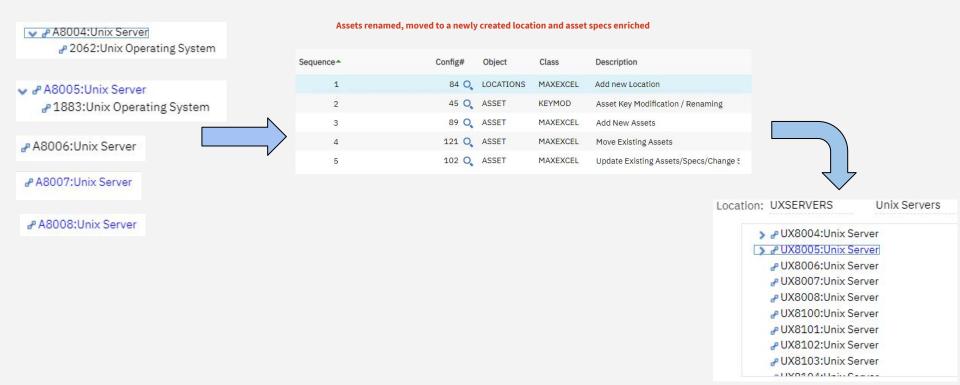
Event Based Workflow





Data Change Management (DCM) - Example 1- Asset Restructure

Goal - Asset Restructure/Transformation Scenario Topology Restructure and Enrichment



Data Change Management (DCM) - Example 2- Location Restructure

Goal - Location Restructure/Transformation Scenario Update Specs/Decommission Locs

Renamed and moved under the new location: DCMBOILERS

VEEDHAM:Needham Site

P BR250:Circulation Fan #3- Main Office HVAC

- > PBR450:Feed Water Pump- Centrifugal/100GPM/60FTHD
 - FLDSTF:Field Users
- > PLTGAR:Fleet Garages
- PRANKLIN:Franklin Rail Yard
- > PND-BOILER:Boiler Room
- > POFFICE: Office Building Address Unit #2010 Oak St. _
- > PACKAGE:Packaging Department -
- > & PLANT-P1:Materials Processing Plant #1

P SHIPPING: Shipping and Receiving Department

VEEDHAM:Needham Site	Logical grouping of locations under DCMCREW
🗸 🖉 DCMCREW:Needham Ope	rations/Maintenance Crew
> P DCMBOILERS:Needha	m Boilers
> PND-FLTGAR:Fleet Gara	iges
> PND-OFFICE:Office Buil	lding - Address Unit #2010 Oak St.
	ng Department
→ > & ND-PLANT-P1:Materia	ls Processing Plant #1
	g and Receiving Department
ND-BR250:Circulation Far	n #3- Main Office HVAC
> PND-BR450:Feed Water Pu	mp- Centrifugal/100GPM/60FTHD
PND-FLDSTF:Field Users	
PND-FRANKLIN:Franklin R	ail Yard



Data Change Management (DCM) - Example 2- Data Design on Spreadsheets

43000000 DESC

43000000 DESC

SIZE

PRESSURE

CAPACITY

SPEED

ASSETATTRID

ALNVALUE

HIERARCHYPATH

PUMP \ CNTRFGL

PUMP \ CNTRFGL

FANS \ CENTRIF

FANS \ CENTRIF

1.1 Rename Locations

1.3 Update Location Specs

SITEID

BEDFORD

BEDFORD

BEDFORD

BEDFORD

BEDFORD

BEDFORD

LOCATION

DCMCREW

ND-BR450

ND-BR450

ND-BR250

ND-BR250

DCMBOILERS

OLDVALUE	NEWVALUE
ND-BOILER	BOILER
BR450	ND-BR450
FLTGAR	ND-FLTGAR
PACKAGE	ND-PACKAGE
OFFICE	ND-OFFICE
PLANT-P1	ND-PLANT-P1
SHIPPING	ND-SHIPPING
FLDSTF	ND-FLDSTF
WOBURN	ND-WOBURN
FRANKLIN	ND-FRANKLIN
BR250	ND-BR250

1.4 Decommission a Location

LOCATION	SITEID	STATUS
ND-WOBURN	BEDFORD	DECOMMISSIONED

1.2 Add New Locations

LOCATION	SITEID	DESCRIPTION	STATUS	ТҮРЕ
DCMCREW	BEDFORD	Needham Operations/Maintenance Crew	ACTIVE	OPERATING
DCMBOILERS	BEDFORD	Needham Boilers	ACTIVE	OPERATING

2.1 Location Movement

Needham Operations/Maintenance Crew

Needham Operations/Maintenance Crew

LOCATION	SITEID	PARENT	SYSTEMID	NEWPARENT
BOILER	BEDFORD	NEEDHAM	PRIMARY	DCMBOILERS
ND-FLTGAR	BEDFORD	NEEDHAM	PRIMARY	DCMCREW
ND-OFFICE	BEDFORD	NEEDHAM	PRIMARY	DCMCREW
ND-PACKAGE	BEDFORD	NEEDHAM	PRIMARY	DCMCREW
ND-PLANT-P1	BEDFORD	NEEDHAM	PRIMARY	DCMCREW
ND-SHIPPING	BEDFORD	NEEDHAM	PRIMARY	DCMCREW

NUMVALUE

4000

40000

52

10

Data Change Management (DCM) - Thank you!

Thank you for watching !

If this product meets your needs, you have questions or you are interested to view a live demo, please contact us on the below email address:

amers@seifware.com

