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JDR		
GTR		
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Référence		Description	Rédacteur	Fonction
Vers.	Date			
1.0	15/09/2015	Document Creation	AA	
2.0	25/09/2015	Add Extended Notice controls	AA	
3.0	21/01/2016	Precisions on MySQL database charatcer set	AA	

	Vérification		Validation	
	Damaris SA	Customer	Damaris SA	Customer
Name				
Function				
Date				
Signature				

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Damaris SA reserves the right to amend this procedure and its appendices when appropriate in order to comply with the generic implementation of its processes for the development mentioned above.

Amendment history

N°	Chapter	Amendment	Page
1	Feature C	Add Extended Notice controls	12
2	Feature B	Add MySQL database Character Set	10

Documentation validation process

N°	Date	Description
0	T0	Damaris SA document delivery first version
1	T1	The customer comments to Damaris SA trough the document review sheet
2	T2	Damaris SA answers to the document review sheet
3	T3	Delivery of the version n+1 by Damaris SA until customer validation
	T0 à T3	Max 5 days

Versionning process

Version	Description
V1	Damaris SA project team document delivery first version
V1.1 V1.X	Damaris SA internal review & modification
VX	Version change following the validation of the document by the customer

Introduction

Presentation of the document

This document lists all known blocking and warning issues when trying to import V2 exported data.

The focus is only for Damaris Archiives data.

References

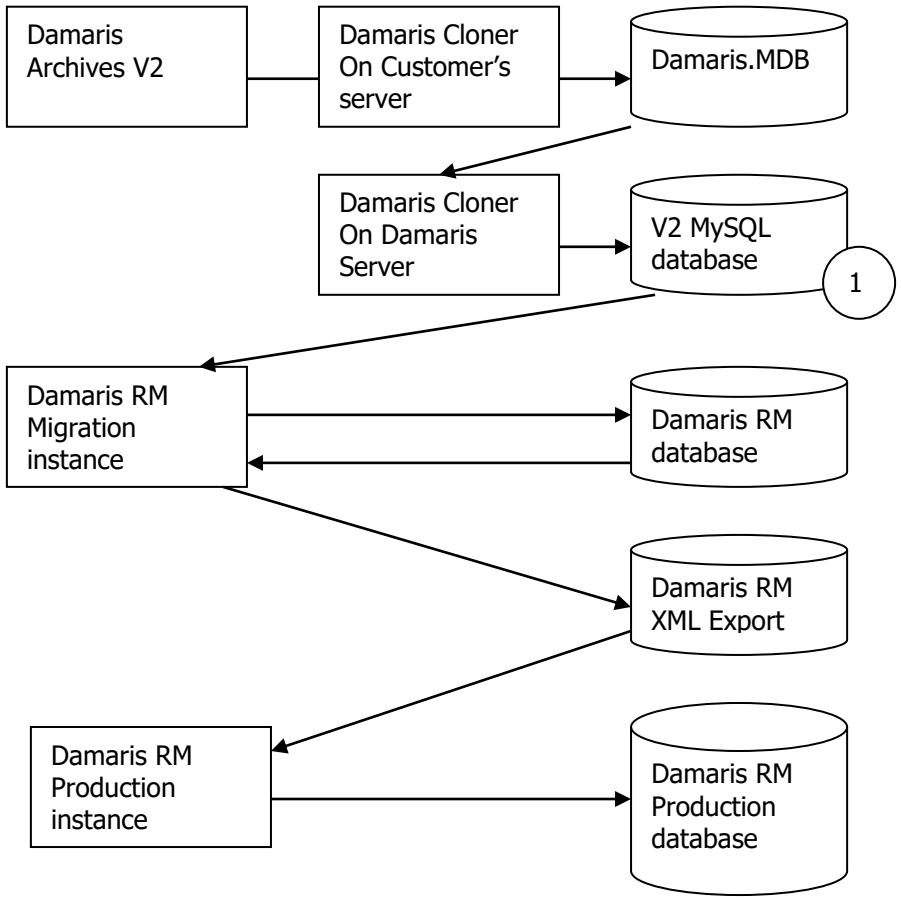
-

Abbreviations

Abbreviation	Explanation

General scope overview

Here is the standard migration scheme:



Expected technical Features

Technical features
Feature A – Clone Customer's Archives V2 database
A1 – Install Damaris Cloner
A2 – Run and export Archives + LDS (If extended notices exist)
A3 – Download Damaris.MDB File
Feature B – Clone Damaris.MDB database on an empty MySQL database
B1 – Run Damaris Cloner on migration platform
B2 – Migrate data from Damaris.MDB on MySQL database
Feature C – Launch all SQL requests to verify and modify data before migration
C1 – Check and modify ERROR cases (ie non unique username, non unique Department name, etc.)
C2 – Check and modify Warnings no needing customer's decision
C3 – Inform customer for his decision dependent modifications

C4 – Apply customer validated modifications in migration database
Feature D – Run Migration tool on Damaris RM migration instance
D1 – Login as global admin (No need to create destination company)
D2 – Migrate V2 MySQL to Damaris RM
D3 – Analyze migration LOG
D4 – Inform cutomer for modifications decision making
Feature E – Export data from Damaris RM for customer delivery
E1 – Use Damaris RM Data Cloner and create Zipped Export XML files
E2 – Deliver ZIP file to customer
E3 – Import cloned database to Production Damaris RM database

Target Environment

The target environment will be a standard Damaris RM installation, with an empty database.

Funtions definition

Feature A - Clone Customer's Archives V2 database

Target: Get a Damaris.MDB file containing customer's last version database clone

Input	Process		Output
Running Damaris Archives V2 database (MySQL, SQL Server or Oracle)			
	A1	Install Damaris Cloner on customer's server	Damaris Cloner installed
	A2	Run Damaris Cloner and export Archives + LDS (If needed) databases	Damaris.MDB file created
	A3	Download Damaris.MDB file	Damaris.MDB file copied to migration environment server

Technical environment	
Damaris Archives V2 existing environment for Damaris Cloner installation	

Additional information
You will need to know • ODBC DSN Name • Database username • Database user password • Damaris Archives admin username • Damaris Archives admin password • If customer uses extended notices or not: This information will determine the need to export LDS database or not

Feature B - Clone Damaris.MDB database on an empty MySQL database

Target: Get a MySQL migration V2 database on migration server

Input	Process		Output
Damaris.MDB file copied to migration server			
	B1	Be sure you already installed Damaris Cloner on migration server and run it	Damaris Cloner installed on migration server and running
	B2	Connect to Damaris.MDB as source database and MySQL V2 empty database as destination. Migrate all data (Archives + LDS if needed)	MySQL V2 database filled with customer's data

Technical environment	
MySQL empty database created on migration server (UTF-8 Default Collation)	
ODBC created to access this database	
NB: No need to install Damaris Archives V2 on this migration server	

Additional information
You will need to know for migration server (V2) • ODBC DSN Name for MySQL database • Database username • Database user password • Damaris Archives admin username • Damaris Archives admin password • If customer uses extended notices or not: This information will determine the need to export LDS database or not

Feature C - Launch all SQL requests to verify and modify data before migration

Target: Migration MySQL database is updated and ready for migration

Input
Migration MySQL V2 database

Process	
C1	Run SQL queries regarding ERROR cases and modify fatal errors
C2	Run SQL queries regarding WARNING cases
C3	Send WARNING cases list to customer for modifications decision making
C4	Apply customer validated modifications in migration database

Output
Migration Database is updated
List of WARNING cases is created
Get modifications validation from customer
Migration database modified as custome's choice

Technical environment	
On Migration server MySQL WorkBench installed	

Additional information
You will need to know for migration server (V2) • Database username • Database user password • Good SQL queries knowledge

List of ERROR cases	
Non Unique Username (LOGIN)	Create view d_utilisateur_duplicate as SELECT D_UTILISATEUR.LOGIN, Count(*) AS NbLogin FROM D_UTILISATEUR GROUP BY D_UTILISATEUR.LOGIN

	ORDER BY LOGIN; SELECT * FROM d_utilisateur WHERE login in (select login from d_utilisateur_duplicate where NbLogin > 1);
Non Unique Department Name	Create view da_service_duplicate as SELECT NAME, Count(*) AS NbName FROM DA_SERVICE GROUP BY NAME ORDER BY NAME; SELECT * FROM DA_SERVICE WHERE Name in (select name from da_service_duplicate where NbName > 1);

List of WARNING cases	
Motif missing in DA_LIBMOTIF	SELECT DISTINCT motif FROM da_demande WHERE motif not in (select code from da_libmotif);
Department / Document Type links missing Document Type	SELECT * FROM DA_SERVNOMEN WHERE nid not in (select nid from DA_NOMEN);
Department / Document Type links missing Department	SELECT * FROM DA_SERVNOMEN WHERE servid not in (select servid from DA_SERVICE);
User / Department links missing Department	SELECT * FROM DA_USERSERV WHERE servid not in (select servid from DA_SERVICE);
Missing Physical Archives Sites	SELECT * FROM DA_ADDRMAP WHERE sid not in (select sid from DA_SITE);
Users missing in Archiving Declarations	SELECT * FROM DA_LOTDECLARE WHERE username not in (select utilid from D_UTILISATEUR);
Missing UserName for user account	select * from D_UTILISATEUR where USERNAME='';
Missing Document Type Name	select DA_NOMEN.* from DA_NOMEN where LIB='';
List of all Extended notices	Select distinct GED from DA_NOMEN;
Empty Department Name	Select * from DA_SERVICE where Name=''

Feature D - Run Migration tool on Damaris RM migration instance

Target: Damaris RM (V3) database filled with customer migrated data en Migration Server

Input	Process		Output
MySQL V2 migration updated database			
	D1	Use master admin login / password	Damaris RM logged in as master admin
	D2	Run Migration tool (Choose Archives)	Damaris RM database filled with customer data
	D3	Export and analyze migration LOG	
	D4	Send analyzed LOG to customer	

Technical environment	
Installed and tested Damaris RM	
Empty Damaris RM database	

Additional information
You will need to know for migration server (V2) • JDBC link to V2 migration MySQL database • Database server • Database port • Database username • Database user password • Here is a database path: jdbc:mysql://localhost:3306/db_name

Feature E - Export data from Damaris RM for customer delivery

Target: Damaris RM database filled with customer migrated data on Production server

Input
Damaris RM database on Migration Server

Process	
E1	Launch Data Cloner /Export on Migration Server
E2	Copy ZIP file to Production Server and unzip
E3	Lauch Data Cloner / Import on Production Server

Output
Export ZIP file created in ./cloner/export directory ./cloner/import directory contains all XML files Damaris RM Production database is up to date with imported data

Technical environment	
Installed and tested Damaris RM on Production Server	
Empty Damaris RM database on Production Server	

Additional information
You will need to know for migration server (V2) • Master Admin login/ password on Damaris RM Productioon Server and Migration Server

Functional Test Plan

Feature A - Clone Customer's Archives V2 database

Action	Content	Status (OK / KO)	Comments
A1	Damaris Cloner installed on V2 server Run Damaris Cloner		
A2	In Damaris Cloner connect to V2 ODBC database Choose Archives Full export Get Damaris.MDB File		
A3	Copy Damaris.MDB file to V3 migration server The file is copied		

Feature B - Clone Damaris.MDB database on an empty MySQL database

Action	Content	Status (OK / KO)	Comments
B1	Damaris Cloner is running on customer platform		
B2	Damaris.MDB file is created and copied to migration server		

Feature C - Launch all SQL requests to verify and modify data before migration

Action	Content	Status (OK / KO)	Comments
C1	Sql queries for ERROR cases return zero rows		
C2	Sql queries for WARNING cases return zero rows		
C3	Customer returns WARNING list with his decisions		
C4	Customer's modifications integrated in database as new sql queries		

Feature D - Run Migration tool on Damaris RM migration instance

Action	Content	Status (OK / KO)	Comments
D1	Master Admin logged in Damaris RM		

D2	V2 / RM Migration launched with success. No errors returned		
D3	Isolate New Warnings Migration LOG		
D4	Customer informed of New Warnings		

Feature E - Export data from Damaris RM for customer delivery

Action	Content	Status (OK / KO)	Comments
E1	ZIP file created in ./cloner/export on migration server		
E2	ZIP file copied and unzipped in ./cloner/import on Production server		
E3	Production Server Database up to date		

Expected prerequisites

Customer

N°	Description
1	Damaris Archives V2 database information (server name, ODBC DSN, database username and password, etc.)
2	Enough disk space for Damaris.MDB file
3	File transfer capabilities (FTP, SFTP, etc.)

DAMARIS

N°	Description
1	Migration server instance ready (With MySQL)
2	
3	

Annex Documents

Numéro	Désignation	Référence document