# **MPSQL08 Documentation**

## Mercury



Server MPHYBRISTEST01

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### **MPHYBRISTEST01**

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Databases(1)

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## **■ Mercury Database**

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### MS\_Description

Manages the data integration between M&P and Hybris. Used to control and monitor transfer processes

### **Database Properties**

Property	Value
SQL Server Version	SQL Server 2014
Compatibility Level	SQL Server 2014
Last backup time	-
Last log backup time	-
Creation date	Feb 4 2016
Users	4
Database Encryption Enabled	False
Database Encryption Algorithm	None
Database size	5.23 MB
Unallocated space	1.63 MB

#### **Database Options**

Property	Value
Compatibility Level	120
Database collation	Latin1_General_CI_AS
Restrict access	MULTI_USER
Is read-only	False
Auto close	True
Auto shrink	False
Database status	ONLINE
In standby	False
Cleanly shutdown	False
Supplemental logging enabled	False
Snapshot isolation state	OFF
Read committed snapshot on	False
Recovery model	SIMPLE
Page verify option	CHECKSUM
Auto create statistics	True
Auto update statistics	True
Auto update statistics asynchronously	False
ANSI NULL default	False
ANSI NULL enabled	False
ANSI padding enabled	False

False
False
True
False
2e7bfd20-8c58-4973-80f8-bd0314b30bc5
True
NOTHING
False
False
False
False
English
1033
True
False
2049
NONE
0
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#### Files

Name	Туре	Size	Maxsize	Autogrowth	File Name
Mercury	Data	4.19 MB	unlimited	1.00 MB	C:\SQLData\Mercury.mdf
Mercury_log	Log	1.05 MB	2048.00 GB	10.00 percent	C:\SQLLog\Mercury_log.ldf

### **■ Tables**

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#### **Objects**

#### Name

Monitoring.History

Log of all file transfers undertaken, records which process has run and when

Author: Matthew Haigh

Monitoring.Process Properties of each individual process that transfers files between M&P and Hybris

### **■** [Monitoring].[History]

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#### MS\_Description

Log of all file transfers undertaken, records which process has run and when

#### Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
<i>,</i>	HistoryId Unique History Id. Identity field has been started at a -ve number due to the volume of transfers that are expected	bigint	8	False	-1000000 - 1
	ProcessId Uniquely identifies the process being recorded	bigint	8	False	
	TransferDate Date and time the transfer took place	datetime	8	True	
	FileCount Count of files moved	int	4	True	
	Size	decimal(19,4)	9	True	
	FileSource	varchar(150)	150	True	
	FileDestination	varchar(150)	150	True	
	TransferEnd	datetime	8	True	
	LogFile	varchar(150)	150	True	

#### Indexes

Key	Name	Columns	Unique
P	cli\$Monitoring_History	Historyld	True

#### Uses

Monitoring

Used By

[Monitoring].[InsertHistory] [Monitoring].[UpdateHistory]

### **■** [Monitoring].[Process]

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#### MS\_Description

Properties of each individual process that transfers files between M&P and Hybris

#### Columns

Name	Data Type	Max Length (Bytes)	Allow Nulls	Identity
ProcessId The unique process ID	bigint	8	False	-1 - 1
DateCreated Date the process was set up	datetime	8	True	
Name Friendly name for the process	varchar(20)	20	False	
Filename The file which is being transferred by the process	varchar(50)	50	False	
ConfigFile Location of the config file used by the transfer process	varchar(200)	200	False	
PowerShellFile Location of the PowerShell script used to perform the transfer	varchar(200)	200	False	

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Monitoring

### Stored Procedures

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#### **Objects**

#### Name

Monitoring.InsertHistory

Called from Powershell scripts to insert a log each time a file transfer is executed. Output parameter returns the Historyld

Author: Matthew Haigh

Monitoring.UpdateHistory Called from PowerShell scripts to update a row in the monitoring.History table.

### [Monitoring].[InsertHistory]

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#### MS\_Description

Called from Powershell scripts to insert a log each time a file transfer is executed. Output parameter returns the Historyld

#### **Parameters**

Name	Data Type	Max Length (Bytes)	Direction
@ProcessId	bigint	8	
@ProcessingDate	datetime	8	
@FileCount	int	4	
@FileSize	decimal(19,4)	9	
@FileSource	varchar(150)	150	
@FileDestination	varchar(150)	150	
@OutputLoadId	bigint	8	Out

#### Uses

[Monitoring].[History] Monitoring

### [Monitoring].[UpdateHistory]

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#### MS\_Description

Called from PowerShell scripts to update a row in the monitoring. History table.

#### **Parameters**

Name	Data Type	Max Length (Bytes)
@Historyld	bigint	8
@LogFile	varchar(150)	150

#### Uses

[Monitoring].[History] Monitoring

### ♣ Database Roles

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### **Objects**

Name
db_accessadmin
db_backupoperator
db_datareader
db_datawriter
db_ddladmin
db_denydatareader
db_denydatawriter
db_owner
db_securityadmin
public

## db\_accessadmin

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### db\_backupoperator

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### db\_datareader

**DBA Team Documentation** 

### db\_datawriter

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## ♣ db\_ddladmin

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### db\_denydatareader

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### db\_denydatawriter

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### db\_owner

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#### **Objects**

Name

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Monitoring Object in this schema support the monitoring functions. How many files have been processed, when etc.

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#### MS\_Description

Object in this schema support the monitoring functions. How many files have been processed, when etc.

#### **Used By**

[Monitoring].[History]
[Monitoring].[Process]
[Monitoring].[InsertHistory]
[Monitoring].[UpdateHistory]