

Release Notes - DataWedge 3.3

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Introduction

DataWedge is a utility that allows you to add advanced data capture capability to any application without writing code. It runs in the background and handles the interface to both built-in and attached data capture devices such as barcode scanners, mag-stripe readers and various Bluetooth and serial peripherals. The captured data is converted to keystrokes and sent to the target application as if it was typed on the keypad. Data is buffered to accommodate continued data capture even into slower target applications. DataWedge 3 has been re-architected for scalability, extensibility and robustness, adding many customer-requested features.

Description

DataWedge 3.3.19 has the following new features.

1. New device support for ES400 WM6.5, MC65 WM6.5 and MC959B WM6.1 with dual-WAN radio technology.
2. New finger friendly user interface.
3. New DataWedge control panel applet.
4. Added profile switching on application window title.
5. Added a new default Pictures and Videos profile.
6. Added the ability to enable/disable the reading of blank magstripe cards.
7. Added the ability to allow data capture to the input field in focus only when it is empty.
8. Added the option of using the barcode scan driver built-in feedback when scanning barcodes.
9. Added a new volume setting to the beeper feedback.
10. Added Open Source Software accreditation.
11. Updated DataWedge icons.
12. Updated DataWedge demo application.
13. Running state now preserved after a warm boot (WM/CE), cold boot (WM only) or upgrade of DataWedge.
14. New device support for MC55A0 WM6.5, MC9190 WM 6.5 and WinCE 6.0. (Added January 2011)*

* New device approval has been received for this package. The approval did not require any software changes. If you already installed the package, there is no need to download and install it again.

Contents

The download package for DataWedge consists of the following components...

1. DataWedge030319.zip
2. DataWedgeAPI010319.zip

The **DataWedge.msi** file contained in **DataWedge030319.zip** installs the following components on the PC.

COMPONENT	Folder	DESCRIPTION
Readme.htm	Install Dir	Readme for DataWedge.
DataWedge Configuration	Install Dir	DataWedge help file

DataWedge Configuration Guide.chm	Install Dir	DataWedge help file.
DataWedgeInstaller.exe	Install Dir	Application to deploy DataWedge to the Motorola mobile device.
DataWedge.cab	Install Dir\Setup	Cabinet file which will be deployed by DataWedgeInstaller.exe.
Application	Install Dir\Setup	Folder containing binaries to be copied in order to have Cold\Clean boot persistent installation in the Application folder.
Readme.txt	Install Dir\Setup	Readme file on how to do a Cold\Clean boot persistent installation.
DataWedge.ini	Install Dir\INI	ini file used by the CEAppMgr.exe to deploy DataWedge to Motorola mobile devices.
DataWedge Remote Configuration	Install Dir\Remote Config	Folder which contains files required for DataWedge Remote Configuration.
notice.txt	Install Dir	Open Source Software license notice.

The **DataWedge.cab** file installs the following components when run on a mobile device.

COMPONENT	Folder	DESCRIPTION
DataWedge.exe	\Program Files\DataWedge	DataWedge application.
DWTray.exe	\Program Files\DataWedge	DataWedge system tray icon application.
dwhttpd.exe	\Program Files\DataWedge	Web server application used by the DataWedge user interface.
DataWedgeAPI.dll	\Program Files\DataWedge	Allows another application to start, stop and get the status of DataWedge.
Setup.dll	\Program Files\DataWedge	Setup dll file.
DWUI	\Program Files\DataWedge	Folder which contains user interface files.
Wav	\Program Files\DataWedge	Default folder for wave files.
Link	\Program Files\DataWedge	Files to launch the user interface.
DWDemo.exe	\Program Files\DataWedge	DataWedge demonstration application.
DWCpl.cpl	\Windows	Control panel applet for DataWedge. Link folder instance is for the clean boot persistent installation.

DataWedgeAPI010319.zip contains the following components...

COMPONENT	Folder	DESCRIPTION
Readme.htm	\SDK\	API Readme file
DataWedge_API.chm	\SDK\V1.3\Help Files	DataWedge API Help file
DataWedgeAPI.tlb	\SDK\V1.3\Lib	DataWedge API Type Library
C# Sample	\SDK\V1.3\Samples\C#	DataWedge C# Sample which explains DataWedge API usage in .Net environment
DataWedgeAPI.htm	\SDK\V1.3\Samples\Web	HTML Sample page which describes the API usage
C++ Sample	\SDK\V1.3\Samples\C++	DataWedge API C++ sample.

Device Compatibility

This software release has been approved for use with the following Motorola devices.

Device	Win CE 5.0	Win CE 6.0	Win Mobile 5.0	Win Mobile 6.0/6.1	Win Mobile 6.5
ES400					*
MC17	*				
MC3000	*			*	
MC3100		*		*	*
MC55				*	*
MC55A0					*
MC65					*
MC70			*	*	
MC75				*	*
MC75A					*
MC9060	*				
MC9090	*		*	*	
MC9190		*			*
MC9500				*	*
MK4000	*				
MK500	*				
MT2000	*				
VC5090	*				
VC6090				*	*
WT4090	*				

This software release has been approved for use with the following Accessory devices.

Accessory
DCR7000-100
MSR3000
MSR55
MSR7000
MSR9000
MSR95
RS507

Installation Requirements

The following information applies to the installation of the Data World

The following software must be installed prior to using DataWedge.

- Microsoft Windows XP, Microsoft Windows Vista or Microsoft Windows 7 Operating System
- Microsoft ActiveSync 4.5 or higher (for Windows XP only)
- Microsoft .NET Framework 3.5 (required for remote configuration over ActiveSync)

Installation Instructions

DataWedge 3.3 installation instructions

- Run **DataWedge.msi** on the PC.
- Once the installation is complete DataWedge, if a device is connected to the PC via ActiveSync, DataWedge will attempt to install itself to that device.
- To install DataWedge 3.3 into a Motorola mobile device, connect the device to the PC via ActiveSync and click on **Start Menu->Programs->Motorola DataWedge 3.3->Install DataWedge**.
- For usage instructions please refer to the Basic Configuration and Advanced Configuration user guides.

DataWedge API 1.3 installation instructions

- Extract the **DataWedgeAPI010319.zip** file and follow the instructions in the Readme file in the **SDK\v1.3** folder.

Notes.

1. Versions of DataWedge that are pre-installed on a device can be reinstalled/upgraded with the same or a newer version of DataWedge.
2. For pre-installed versions of DataWedge, the simplest way to persist the DataWedge configuration across clean/cold boots is to update DataWedge with the same or newer version and install it in the Application folder.
3. When upgrading a pre-installed version of DataWedge, stop DataWedge and close all DataWedge applications before performing the upgrade.
4. This release of DataWedge does not support the Matrix2of5 symbology or the adaptive scanning reader parameter.

Part Number and Release Date

DataWedge030319.zip

DataWedgeAPI010319.zip

November 12, 2010