Configuring DM Extensions for Per-User Operation

Hummingbird Enterprise™ 2004

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Contents

Chapter 1 DM Extensions Per User Configuration 5

DM Extensions Per User Configuration .......................... 6
  Documentation Conventions ........................................ 6
  Per-user DM Extensions Installation Configuration ............ 6
  Per-user Based ODMA Active Integration Configuration ....... 7
  Per-user Based ODMA Passive Integration Configuration ....... 9
  Per-user Based COM Automation Active and Passive Integration Configuration 10
  Per-user DM Linking Configuration ............................... 12
  Per-user Hummingbird Document Viewer Control Configuration .... 13
  Per-User Configuration of the Hummingbird DM Search Feature 14
  Per-user Configuration of Interceptor ............................ 14
Chapter 1

DM Extensions Per User Configuration
DM Extensions Per User Configuration

The following information was prepared to give users the ability to change Hummingbird DM Extension and Applications Integration from Machine based to Per User based. Machine based is defined as allowing all users of a particular machine access to integrated applications. Per-user based is defined as allowing access to integrated applications for a specific user on that machine.

If you install COM Automation integration for Word and Excel, you can install per-user settings for Microsoft Project and PowerPoint, which are ODMA integrated.

Refer to the following topics:
- Per-user DM Extensions Installation Configuration
- Per-user Based ODMA Active Integration Configuration
- Per-user Based ODMA Passive Integration Configuration
- Per-user Based COM Automation Active and Passive Integration Configuration
- Per-user Hummingbird Document Viewer Control Configuration
- Per-User Configuration of the Hummingbird DM Search Feature
- Per-user Configuration of Interceptor
- Per-user DM Linking Configuration

Documentation Conventions

For all instructions listed in this document, replace the text $\textit{user}$ with the user- and possibly the domain name, of the person for whom you are configuring DM Extensions.

For example, if you are instructed to copy the ODMA32.dll file to the user’s ODMA directory, the instructions show the following directory path:

\[ \ldots \textit{user}\textbackslash Application\ Data\ Hummingbird\ DM\ ODMA\ \]

If the user’s network name is Joe.Smith, the directory you want to locate will be:

\[ \ldots \textit{Joe.Smith}\textbackslash Application\ Data\ Hummingbird\ DM\ ODMA\ \]

Per-user DM Extensions Installation Configuration

After DM Extensions is installed on the machine, you can configure it as a per-user installation using these instructions:
1. Select **Start>Run** and type **REGEDIT**.
2. Click **OK**. The Windows Registry Editor will be displayed.
3. Remove the following registry key:
   ```plaintext
   [HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Desktop\NameSpace\{4577EA30-A1DF-11D0-BA3E-00A024746296}]
   @="Hummingbird DM"
   ```
4. Add the Following key in the registry:
   ```plaintext
   [HKEY_CURRENT_USER\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Desktop\NameSpace\{4577EA30-A1DF-11D0-BA3E-00A024746296}]
   @="Hummingbird DM"
   ```

If you log on to the machine with a different username, you will not see the DM Extensions icon on Desktop. However, you can make the **Start>Programs>Hummingbird** icons appear on a per-user basis.

**Creating per-user icons:**
1. Locate the Hummingbird directory in `..\Documents and Settings\All Users\Start Menu\Programs\`.
2. Select **Edit>Cut**.
3. Navigate to `..\Documents and Settings\$user$\Start Menu\Programs\`.
4. Select **Edit>Paste**.

**Per-user Based ODMA Active Integration Configuration**

The instructions below apply to the following ODMA integrated applications:

- Microsoft Word
- Microsoft Excel. Refer to **Additional Setup for Microsoft Excel**.
- Microsoft Project. Refer to **Additional Setup for Microsoft Project**.
- Microsoft PowerPoint

1. Using Windows Explorer, navigate to the `...\Windows\system32` or `...\Winnt\system32` folder.
   - The folder name is determined by the version of Windows installed on the machine.
2. Select the file **ODMA32.dll** and select **Edit>Cut**.
3. Navigate to the user’s ODMA directory, and select **Edit>Paste** to place the **ODMA32.dll** file in the directory. For example:

   \`C:\Documents and Settings\$user$\Application Data\Hummingbird\ODMA\`

Where **$user$** represents the name, and possibly the domain, of the user. If your username is Joe.Smith, you would copy the **ODMA32.dll** file to **\`C:\Documents and Settings\Joe.Smith\Application Data\Hummingbird\DM\ODMA\`** directory.

4. Next, select the **My Computer** icon in Windows Explorer and right-click.

5. Select **Properties**.

6. Select the **Advanced** tab.

7. Select **Environment Variables**.

8. In the **User Variables** section, select **New**.

9. Type **PATH** as the **Variable Name**.

10. Enter **\`C:\Documents and Settings\$user$\Application Data\Hummingbird\ODMA\`** as the **Variable Value**.

11. Click **OK** to close the **New User Variable** dialog box.

12. Click **OK** to close the **Environment Variables** dialog box.

13. Click **OK** to close the **Properties** window.

   This will make all the ODMA integration per user based and you will not be able to make some ODMA applications per user based and some machine based.

**Additional Setup for Microsoft Excel**

1. Perform all the steps outlined in **Per-user Based ODMA Active Integration Configuration**.

2. Move the **.xla** file from from **\`C:\Program Files\Microsoft Office\Office10\XLSTART\`** to **\`C:\Documents and Settings\$user$\Application Data\Microsoft\Excel\XLSTART\`**.

   For Office 2003 the subdirectory would be **11** and for Office 2000, the subdirectory is **9**.
Additional Setup for Microsoft Project

1. Perform all the steps outlined in **Per-user Based ODMA Active Integration Configuration**.

2. Move the `global.mpt` file from `C:\Program Files\Hummingbird\DM Extension\CustomIntegration` to `C:\Documents and Settings\$user$\Application Data\Microsoft\MS Project\10\1033`.

   For Office 2003 the subdirectory would be **11** and for Office 2000, the subdirectory is **9**.

3. Select **Start>Run** and type **REGEDIT**.

4. Click **OK**. The Windows Registry Editor will be displayed.

5. Set the value of the **RootKey** as follows in the following registry key:

   ```
   \{HKEY_CURRENT_USER\Software\Policies\Microsoft\Office\10.0\MS Project\GlobalSearch\} "RootKey"="C:\Documents and Settings\$user$\Application Data\Microsoft\MS Project\10\1033"
   ```

   For Office 2003 the subdirectory would be **11** and for Office 2000, the subdirectory is **9**.

---

**Per-user Based ODMA Passive Integration Configuration**

To configure Microsoft Word:

1. Using Windows Explorer, locate the Microsoft Word startup directory. The location of the directory varies based on the version that has been installed.

2. Locate the file named the same or similar to `CDWordXPPI.dot`. The file name varies based on the version of Word that has been installed. Select the file and choose **Edit>Cut**.

3. Paste the file into the user's Word startup directory, for example, `C:\Documents and Settings\Joe.Smith\Application Data\Microsoft\Word\STARTUP`.
To configure Microsoft Excel:

1. Using Windows Explorer, locate the Microsoft Excel XLStart directory. The location of the directory varies based on the version that has been installed.

2. Locate the file named the same or similar to CDExcelXPPI.xla. The file name varies based on the version of Excel that has been installed. Select the file and choose Edit>Cut.

3. Paste the file into the user’s Excel startup directory, for example, \Documents and Settings\Joe.Smith\Application Data\Microsoft\Excel\XLSTART.

To configure Microsoft Project:

1. Move the global.mpt file from C:\Program Files\Hummingbird\DM Extension\CustomIntegration to C:\Documents and Settings\$user$\Application Data\Microsoft\MS Project\10\1033.

   For Office 2003 the subdirectory would be 11 and for Office 2000, the subdirectory is 9.

2. Select Start>Run and type REGEDIT.

3. Click OK. The Windows Registry Editor will be displayed.

4. Set the value of the RootKey as follows in the following registry key:

   \[HKEY_CURRENT_USER\Software\Policies\Microsoft\Office\10.0\MS Project\GlobalSearch\]

   "RootKey"="C:\Documents and Settings\$user$\Application Data\Microsoft\MS Project\10\1033"

Per-user Based COM Automation Active and Passive Integration Configuration

To configure Microsoft Word:

1. Select Start>Run and type REGEDIT.

2. Click OK. The Windows Registry Editor will be displayed.

3. Remove the following registry key from HKEY_LOCAL_MACHINE:
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office\Word\Addins\DM_COM_Addin.WordAddin]
"FriendlyName"="DMWord"
"Description"="COM Add-in to enable integration between Hummingbird DM and Word"
"LoadBehavior"=dword:00000003
"CommandLineSafe"=dword:00000000

4. Add the following key to HKEY_CURRENT_USER:

[HKEY_CURRENT_USER\SOFTWARE\Microsoft\Office\Word\Addins\DM_COM_Addin.WordAddin]
"FriendlyName"="DMWord"
"Description"="COM Add-in to enable integration between Hummingbird DM and Word"
"LoadBehavior"=dword:00000003
"CommandLineSafe"=dword:00000000

5. Close Registry Editor.

To configure Microsoft Excel:

1. Select Start>Run and type REGEDIT.
2. Click OK. The Windows Registry Editor will be displayed.
3. Remove the following registry key from HKEY_LOCAL_MACHINE:

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office\Excel\Addins\DM_COM_Addin.ExcelAddin]
"FriendlyName"="DMExcel"
"Description"="COM Add-in to enable integration between Hummingbird DM and Excel"
"LoadBehavior"=dword:00000003
"CommandLineSafe"=dword:00000000

4. Add the following key to HKEY_CURRENT_USER:

[HKEY_CURRENT_USER\SOFTWARE\Microsoft\Office\Excel\Addins\DM_COM_Addin.ExcelAddin]
"FriendlyName"="DMExcel"
"Description"="COM Add-in to enable integration between Hummingbird DM and Excel"
"LoadBehavior"=dword:00000003
"CommandLineSafe"=dword:00000000
Per-user DM Linking Configuration

1. Select **Start>Run** and type **REGEDIT**.

2. Click **OK**. The Windows Registry Editor will be displayed.

3. Change the following registry from **HKEY_LOCAL_MACHINE** machine to **HKEY_CURRENT_USER**. For example, before the change, the registry keys are as follows:

   - HKEY_LOCAL_MACHINE\SOFTWARE\Classes\PwDMoniker.Document
     - @="Hummingbird DM Document"

   - HKEY_LOCAL_MACHINE\SOFTWARE\Classes\PwDMoniker.Document\CLSID
     - @="{F60772EE-0722-4d9e-B9D4-62B3C3A5DD17}"

   - HKEY_LOCAL_MACHINE\SOFTWARE\Classes\PwDMoniker.Document\CurVer
     - @="PwDMoniker.Document.1"

   - HKEY_LOCAL_MACHINE\SOFTWARE\Classes\PwDMoniker.Document\Insertable

After the change, the keys are as follows:

- HKEY_CURRENT_USER\SOFTWARE\Classes\PwDMoniker.Document
  - @="Hummingbird DM Document"

- HKEY_CURRENT_USER\SOFTWARE\Classes\PwDMoniker.Document\CLSID
  - @="{F60772EE-0722-4d9e-B9D4-62B3C3A5DD17}"

- HKEY_CURRENT_USER\SOFTWARE\Classes\PwDMoniker.Document\CurVer
  - @="PwDMoniker.Document.1"
DM Extensions Per User Configuration

[ HKEY_CURRENT_USER\SOFTWARE\Classes\PwDMoniker.Document\DocObject ]

[ HKEY_CURRENT_USER\SOFTWARE\Classes\PwDMoniker.Document\Insertable ]

4. Close Registry Editor.

Per-user Hummingbird Document Viewer Control Configuration

1. Select Start>Run and type REGEDIT.
2. Click OK. The Windows Registry Editor will be displayed.
3. Change the following registry from HKEY_LOCAL_MACHINE machine to HKEY_CURRENT_USER. For example, before the change, the registry keys are as follows:
   [ HKEY_LOCAL_MACHINE\SOFTWARE\Classes\FULVIEWOCX.FulViewOCXCtrl.1 ]
   @="Hummingbird DM Viewer Control"

   [ HKEY_LOCAL_MACHINE\SOFTWARE\Classes\FULVIEWOCX.FulViewOCXCtrl.1\CLSID]
   @="{2183C61B-2DFF-11D3-9018-00A02479C68D}"

   [ HKEY_LOCAL_MACHINE\SOFTWARE\Classes\FULVIEWOCX.FulViewOCXCtrl.1\Insertable ]
   After the change, the registry keys are as follows:
   [ HKEY_CURRENT_USER\SOFTWARE\Classes\FULVIEWOCX.FulViewOCXCtrl.1 ]
   @="Hummingbird DM Viewer Control"

   [ HKEY_CURRENT_USER\SOFTWARE\Classes\FULVIEWOCX.FulViewOCXCtrl.1\CLSID]
   @="{2183C61B-2DFF-11D3-9018-00A02479C68D}"

   [ HKEY_CURRENT_USER\SOFTWARE\Classes\FULVIEWOCX.FulViewOCXCtrl.1\Insertable ]
4. You must also make the following application changes:
Chapter 1: DM Extensions Per User Configuration

a. **Microsoft Word**— Move the **pwdMonikerConverter.dot** file from Microsoft Office’s startup directory to the user’s startup directory.

b. **Microsoft Excel**— Move the **pwdMonikerConverter.xla** and **pwdMonikerHelper.xll** files from the Microsoft Office **XLSTART** directory to the user’s **XLSTART** directory.

c. **Microsoft PowerPoint**— Move the **PwDMonikerConverter.ppa** and **PwDMonikerConverter.ppt** files from Microsoft Office **Addins** directory to the user’s Addins directory. Next, open Registry Editor (**Start>Run>Regedit**) and navigate to:

```
HKEY_LOCAL_USER\Software\Microsoft\Office\8.0\PowerPoint\AddIns\n```

and set the path to **C:\Documents and Settings\$user$\Application Data\Microsoft\Addins\PwDMonikerConverter.ppa**.

**Per-User Configuration of the Hummingbird DM Search Feature**

To make the Hummingbird Search Handler Per user based we have to restrict the registry key that registers the handler with Windows.

1. Select **Start>Run** and type **regedt32**.
2. Click **OK**. The Registry Editor will display.
3. Locate the following key:

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FindExtensions\Static\DocsQR]
```

4. Select the key.
5. Select **Edit>Permissions**.
6. Remove the users for whom you do not wish to grant access.
7. Click **OK**.
8. Close Registry Editor.

**Per-user Configuration of Interceptor**

To make the Interceptor System Tray icon per-user:

1. Select **Start>Run** and type **REGEDIT**.
2. Click **OK**. The Windows Registry Editor will be displayed.
3. Change the following registry from `HKEY_LOCAL_MACHINE` machine to `HKEY_CURRENT_USER`. For example, before the change, the registry keys are as follows:

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Hummingbird\PowerDOCS\App Integration\Interceptor\Components]
"InterceptorHooks"="C:\Program Files\Hummingbird\DM Extensions\InterceptorHooks.dll"
```

And after:

```
[HKEY_CURRENT_USER\SOFTWARE\Hummingbird\PowerDOCS\App Integration\Interceptor\Components]
"InterceptorHooks"="C:\Program Files\Hummingbird\DM Extensions\InterceptorHooks.dll"
```

4. Close Registry Editor.

To make the Interceptor Start Menu entry per-user:

1. Navigate to `C:\Documents and Settings\All Users\Start Menu\Programs\Hummingbird\DM Extensions` and select the Interceptor shortcut icon.
2. Select `Edit>Copy`.
3. Navigate to `C:\Documents and Settings\$user$\Start Menu\Programs\Hummingbird\DM Extensions` select `Edit>Paste`. 
Index

A
- About DM Extensions Per User Configuration 6
- Active integration
  - COM Automation 10
  - ODMA 10

C
- COM Automation
  - Active integration 10
  - Passive integration 10

D
- DM Extensions
  - Installation configuration 6
  - Per-user icons 7
- DM Linking, configuration 12
- DM Search Feature 14
- Document Viewer Control 13

I
- Icons, per-user configuration 7

Interceptor, Per-user Configuration of 14

M
- Microsoft
  - Excel
    - Active integration, additional setup 8
    - Active integration, COM automation 11
    - Active integration, ODMA 7
    - Passive integration, ODMA 10
  - PowerPoint
    - Active integration, ODMA 7
  - Project
    - Active integration, additional setup 9
    - Active integration, ODMA 7
    - Passive integration, ODMA 10
  - Word
    - Active integration, COM automation 10
    - Active integration, ODMA 7
    - Passive integration, COM automation
Index

10
Passive integration, ODMA 9

O
ODMA
Active integration 7
Passive integration 9

P
Passive integration
COM automation 10
ODMA 9
Per-user DM Linking Configuration 12

V
Viewer Control Configuration 13

W
WorkFlow Extension, Per-user
Configuration of DM 15