



*Configuring DM Extensions for  
Per-User Operation*

**Hummingbird Enterprise™ 2004**

**5.1.0.5**

## **Configuring DM Extensions for Per-User Operation**

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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 **\$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:

```
...\$user$\Application Data\Hummingbird\DM\ODMA\
```

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

```
...\Joe.Smith\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:  
 [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:  
 [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\Global Search] "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, **C:\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\Global Search]  
"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\Ci asses\PwDMoni ker. Document]
@="Hummi ngbi rd DM Document"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Ci asses\PwDMoni ker. Document\
CLSID]
@="{F60772EE-0722-4d9e-B9D4-62B3C3A5DD17}"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Ci asses\PwDMoni ker. Document\
CurVer]
@="PwDMoni ker. Document. 1"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Ci asses\PwDMoni ker. Document\
DocObj ect]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Ci asses\PwDMoni ker. Document\
Inser tabl e]
```

After the change, the keys are as follows:

```
[HKEY_CURRENT_USER\SOFTWARE\Ci asses\PwDMoni ker. Document]
@="Hummi ngbi rd DM Document"
```

```
[HKEY_CURRENT_USER\SOFTWARE\Ci asses\PwDMoni ker. Document\C
LSID]
@="{F60772EE-0722-4d9e-B9D4-62B3C3A5DD17}"
```

```
[HKEY_CURRENT_USER\SOFTWARE\Ci asses\PwDMoni ker. Document\C
urVer]
@="PwDMoni ker. Document. 1"
```

```
[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:

- 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\
```

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\Appli  
Integration\Interceptor\Components]
```

```
"InterceptorHooks"="C:\Program Files\Hummingbird\DM  
Extensions\InterceptorHooks.dll"
```

And after:

```
[HKEY_CURRENT_USER\SOFTWARE\Hummingbird\PowerDOCS\Appli  
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. nNavigate to **C:\Documents and Settings\%user%\Start Menu\Programs\Hummingbird\DM Extensions** select **Edit>Paste**.







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