



# Mindjet<sup>®</sup> IFilter

## Manual Installation

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# PREREQUISITES

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Three DLLs are needed for the Mindjet IFilter.

**Note:** Use only the three DLLs you need for the installation instructions.

## 64 Bit DLLs

- MmWindowsSearch64.dll
- MmZip64.dll
- Zlib64.dll

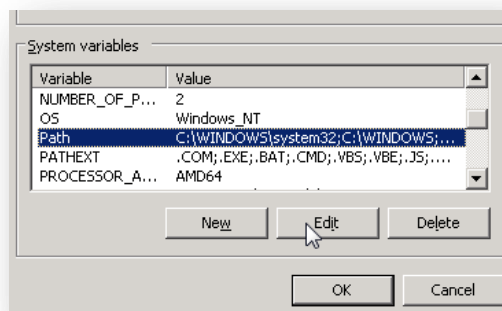
# IFILTER INSTALLATION

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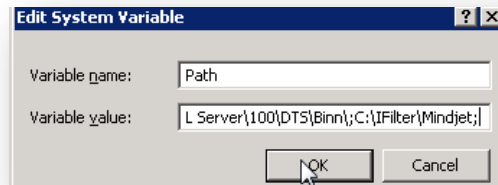
The IFilter must be stored on every Indexing server in the SharePoint farm.

## Installation Steps

1. Create a folder on each Indexing server to store the DLLs. For example, this can be **C:\IFilter\Mindjet**.
2. Copy the 3 DLLs to the newly created folder.
3. Add the new folder to the “PATH” system environment variable:
  - Open the System Properties.
    - Select Start -> Control Panel -> System
  - Select the **Advanced tab**.
  - Select the **Environment Variables** button (at the bottom).
  - In the System Variables dialog, find “Path,” highlight it, then click **Edit**.

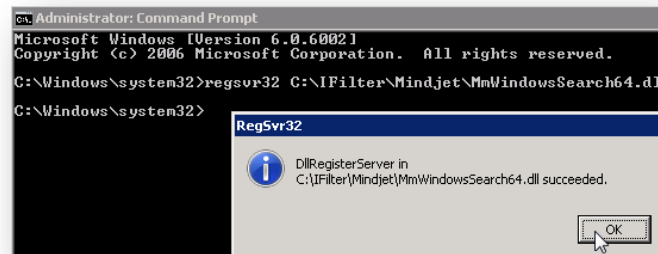


- Add a new semicolon-delimited path for your newly created folder, then click **OK**.



#### 4. Register the Mindjet IFilter DLL:

- Open a command prompt as administrator.
- Use the **regsvr32** command to register MmWindowsSearch.dll.  
(**Note:** on a 64 bit system, you still use the **regsvr32** command.)



#### 5. Modify the Registry:

- Open the Registry.
- Verify the existence of the following registry keys and values or, if they do not yet exist, add them.

## Registry keys for all versions of SharePoint

KEY	VALUE NAME	VALUE TYPE	VALUE
HKEY_LOCAL_MACHINE\SOFTWARE\Classes \.mmap	(Default)	REG_SZ	MMAP File format
HKEY_LOCAL_MACHINE\SOFTWARE\Classes \.mmap	Content Type	REG_SZ	Application/MMAP
HKEY_LOCAL_MACHINE\SOFTWARE\Classes \.mmap\PersistentHandler	(Default)	REG_SZ	{C2C41A11-6BC1-4711-9D8D-C03903E85D60}
HKEY_LOCAL_MACHINE\SOFTWARE\Classes \.xmmap	(Default)	REG_SZ	XMMAP File format
HKEY_LOCAL_MACHINE\SOFTWARE\Classes \.xmmap	Content Type	REG_SZ	Application/XMMAP
HKEY_LOCAL_MACHINE\SOFTWARE\Classes \.xmmap\PersistentHandler	(Default)	REG_SZ	{9A16A452-A6BE-444f-A720-A608A4A82EFA}
HKEY_LOCAL_MACHINE\SOFTWARE\Classes \CLSID\{C2C41A11-6BC1-4711-9D8D-C03903E85D60}	(Default)	REG_SZ	MMAP & XMMAP Persistent Handler
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{C2C41A11-6BC1-4711-9D8D-C03903E85D60}\PersistentAddinsRegistered\{89BCB740-6119-101A-BCB7-00DD010655AF}	(Default)	REG_SZ	{E1786BB6-D364-490A-887F-02A6A25780F1}
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{C2C41A11-6BC1-4711-9D8D-C03903E85D60}\PersistentHandler	(Default)	REG_SZ	{89BCB740-6119-101A-BCB7-00DD010655AF}
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{9A16A452-A6BE-444f-A720-A608A4A82EFA}\PersistentHandler	(Default)	REG_SZ	{977EC644-159D-48A7-AEBD-FD6EFC80AD56}

## Registry keys for SharePoint 2010

KEY	VALUE NAME	VALUE TYPE	VALUE
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Shared Tools\Web Server Extensions\14.0\Search\Setup\ContentIndexCommon\Filters\Extension\.mmap	(Default)	REG_SZ	{E1786BB6-D364-490A-887F-02A6A25780F1}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Shared Tools\Web Server Extensions\14.0\Search\Setup\ContentIndexCommon\Filters\Extension\.xmmap	(Default)	REG_SZ	{977EC644-159D-48A7-AEBD-FD6EFC80AD56}

## Registry keys for SharePoint WSS

KEY	VALUE NAME	VALUE TYPE	VALUE
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Shared Tools\Web Server Extensions\12.0\Search\Setup\ContentIndexCommon\Filters\Extension\.mmap	(Default)	REG_SZ	{E1786BB6-D364-490A-887F-02A6A25780F1}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Shared Tools\Web Server Extensions\12.0\Search\Setup\ContentIndexCommon\Filters\Extension\.mmap	(Default)	REG_SZ	{977EC644-159D-48A7-AEBD-FD6EFC80AD56}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Shared Tools\Web Server Extensions\12.0\Search\Setup\Filters\.mmap	(Default)	REG_SZ	
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Shared Tools\Web Server Extensions\12.0\Search\Setup\Filters\.mmap	Extension	REG_SZ	mmap
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Shared Tools\Web Server Extensions\12.0\Search\Setup\Filters\.mmap	File Type Bucket	REG_D WORD	5

KEY	VALUE NAME	VALUE TYPE	VALUE
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Shared Tools\Web Server Extensions\12.0\Search\Setup\Filters\.mmap	MimeTypes	REG_SZ	application/mmap
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Shared Tools\Web Server Extensions\12.0\Search\Setup\Filters\.mmap	Threading Model	REG_SZ	Both
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Shared Tools\Web Server Extensions\12.0\Search\Setup\Filters\.xmmap	(Default)	REG_SZ	
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Shared Tools\Web Server Extensions\12.0\Search\Setup\Filters\.xmmap	Extension	REG_SZ	xmmap
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Shared Tools\Web Server Extensions\12.0\Search\Setup\Filters\.xmmap	File Type Bucket	REG_D WORD	5
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Shared Tools\Web Server Extensions\12.0\Search\Setup\Filters\.xmmap	MimeTypes	REG_SZ	application/xmmap
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Shared Tools\Web Server Extensions\12.0\Search\Setup\Filters\.xmmap	Threading Model	REG_SZ	Both

## Registry keys for SharePoint MOSS

KEY	VALUE NAME	VALUE TYPE	VALUE
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office Server\12.0\Search\Setup\ContentIndexCommon\Filters\Extension\.mmap	(Default)	REG_SZ	{E1786BB6-D364-490A-887F-02A6A25780F1}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office Server\12.0\Search\Setup\	(Default)	REG_SZ	{977EC644-159D-48A7-AEBD-



KEY	VALUE NAME	VALUE TYPE	VALUE
ContentIndexCommon\Filters\Extension\.mmap			FD6EFC80AD56}
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office Server\12.0\Search\Setup\Filters\.mmap	(Default)	REG_SZ	
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office Server\12.0\Search\Setup\Filters\.mmap	Extension	REG_SZ	mmap
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office Server\12.0\Search\Setup\Filters\.mmap	File Type Bucket	REG_D WORD	5
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office Server\12.0\Search\Setup\Filters\.mmap	MimeTypes	REG_SZ	application/mmap
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office Server\12.0\Search\Setup\Filters\.mmap	Threading Model	REG_SZ	Both
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office Server\12.0\Search\Setup\Filters\.xmmap	(Default)	REG_SZ	
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office Server\12.0\Search\Setup\Filters\.xmmap	Extension	REG_SZ	xmmap
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office Server\12.0\Search\Setup\Filters\.xmmap	File Type Bucket	REG_D WORD	5
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office Server\12.0\Search\Setup\Filters\.xmmap	MimeTypes	REG_SZ	application/xmmap
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office Server\12.0\Search\Setup\Filters\.xmmap	Threading Model	REG_SZ	Both



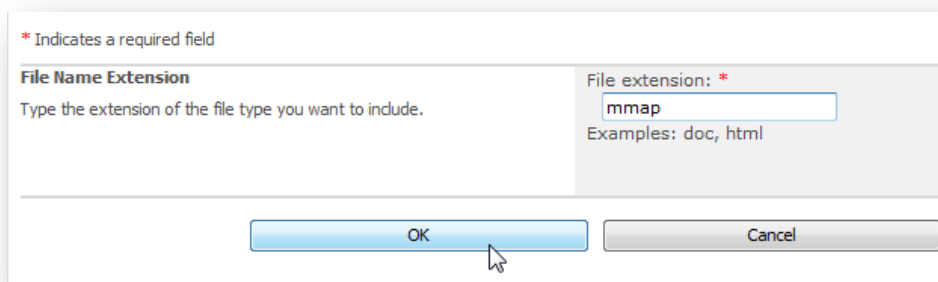
6. Add .mmap and .xmmap file types to be searched in SharePoint:

- **For a SharePoint 2010 Server:**

- Navigate to Central Admin -> Application Management -> Manage service applications.
- Select the **Search Service Application**.
- Select **File Types** from the quick launch.



- Click **New File Type** (at the top).
- Enter "mmap" in the File extension field, then click **OK**.



- Repeat the last two steps for the xmmap file extension.

- **For SharePoint 2010 Foundation:**
  - Save the following code as `addextension.vbs`:

```
Sub Usage
    WScript.Echo "Usage:  AddExtension.vbs extension"
    WScript.Echo
end Sub

Sub Main
    if WScript.Arguments.Count < 1 then
        Usage
        wscript.Quit(1)
    end if

    dim extension
    extension = wscript.arguments(0)

    Set gadmin = WScript.CreateObject("SPSearch4.GatherMgr.1", "")

    For Each application in gadmin.GatherApplications
        For Each project in application.GatherProjects
            project.Gather.Extensions.Add(extension)
        Next
    Next

End Sub

call Main
```

- Open a command prompt as Administrator.
- Run the command: **WScript AddExtension.vbs mmap**.
- Repeat the last step, replacing "mmap" with "xmmap."

```
c:\Development>Wscript AddExtension.vbs mmap
c:\Development>Wscript AddExtension.vbs xmmap
```

7. Restart the SharePoint search service. Open a command prompt as administrator.

- **For a SharePoint 2010 Server** (Standard and Enterprise)

- Run net stop osearch14.
- Run net start osearch14.

```
C:\Windows\system32>net stop osearch14
The SharePoint Server Search 14 service is stopping.
The SharePoint Server Search 14 service was stopped successfully.

C:\Windows\system32>net start osearch14
The SharePoint Server Search 14 service is starting.
The SharePoint Server Search 14 service was started successfully.
```

- **For SharePoint 2010 Foundation:**

- Run net stop SPSearch.
- Run net start SPSearch.

```
C:\>net stop spsearch
The Windows SharePoint Services Search service is stopping.
The Windows SharePoint Services Search service was stopped successfully.

C:\>net start spsearch
The Windows SharePoint Services Search service is starting..
The Windows SharePoint Services Search service was started successfully.
```

8. Finally, restart IIS.

```
C:\>iisreset /noforce
Attempting stop...
Internet services successfully stopped
Attempting start...
Internet services successfully restarted
C:\>
```

The Mindjet IFilter is now configured. New .mmap and .xmmap files will now be indexed in SharePoint. In order to index existing .mmap and .xmmap files on SharePoint, you will need to start a full crawl.



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