

## RE: XML iFilter needed for SPS 2003 infopath forms?

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*Source:*

<http://www.tech-archive.net/Archive/SharePoint/microsoft.public.sharepoint.portalserver/2006-04/msg00789.html>

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Yes, that was before installing the xml filter and it is because sharepoint search uses a default ifilter to index xml docs out of the box. If you want to be able to search against the properties of xml docs then you do need to do the steps I did. Displaying the InfoPath properties in the document library and making the custom properties available for searching are 2 different animals.

:) btw was just told that documentation in v3 should be lots better, atleast more people are working on it.

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Allison

"Bob C." wrote:

Allison,

When you say "...I was able to get search results on the text in the InfoPath documents ..."  
does that mean before any ifilter was installed?

As I mentioned, my Infopath forms push up to the document library, adding properties that do show in the doc library list. Unfortunatly, those properties are not searchable, even from the doc library search bar!

I'll follow-up on your notes. Thanks for the response.

"allison" wrote:

Finally I can answer Yes! This is a bit long but hopefully will help someone else.

After getting a confirmation by the SPS product team that the xml iFilter did in fact need to be installed on the Sharepoint server, I tried again.

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Apparently the claim that SP indexes xml files is not quite specific enough. It must use a default text Filter not a true xml ifilter. I think that was why I was able to get search results on the text in the InfoPath documents but not use the properties/attributes from the xml for advanced searching.

Anyway these are the steps I combined from several sources, none of which was really specific to SPS 2003 so I had worked it out by trial and error...lots of error and apologize to anyone I may plagiarize here. Especially rdcpro who worked thru an html custom metadata issue I found here

[http://groups.google.com/group/microsoft.public.sharepoint.portalserver/browse\\_frm/thread/6af5a609](http://groups.google.com/group/microsoft.public.sharepoint.portalserver/browse_frm/thread/6af5a609) in an html

Still I have many unanswered questions, have found very little 2003 documentation on crawling Metadata, mapping properties (when, why, and which way) and am really loved this MSDN Tech article 'Integrating Microsoft SharePoint Products and Technologies and Microsoft Office InfoPath 2003' which left me short as a search administrator...'Yes you can do it' but nothing more.

I believe MS should step up to the plate with a better in-depth documentation on administering search in 2003 (not customizing with code) because much of the information in Crawling Custom Metadata with SharePoint Portal Server does not apply but lots of resources still lead to that document from 2001.

<http://www.microsoft.com/sharepoint/server/techinfo/development/metadata.asp>

With that rant over here are the steps I finally worked out:

Download the filter (or any xml iFilter should wrk) and verify the pre-reqs. [http://www.microsoft.com/sharepoint/server/techinfo/reskit/XML\\_Filter.asp](http://www.microsoft.com/sharepoint/server/techinfo/reskit/XML_Filter.asp)

Install the XML content filter for SharePoint Portal Server:

1. Set up SharePoint Portal Server to use the XML content filter for XML documents.
  - a. Copy xmlfilter.dll to a directory on a local hard drive.
  - b. Run regsvr32 xmlfilter.dll.
  - c. Run RegEdit.exe.
  - d. Go to HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\ContentIndexCommon\Filters\Extention.
  - e. Delete .xml.
  - f. Restart the Microsoft Search (MSSearch) service.
2. Go to "Manage Properties of Crawled Content", and delete all the properties under

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urn:schemas.microsoft.com:fulltextqueryinfo:xmlfilter:'schema namespace'  
that you are trying to process and also under

urn:schemas-microsoft-com:office:office you need to delete the specific  
ows\_InfopathPropertyName' that you want to add to your

Advanced Search.

3. Reset all content indexes.

4. Restart the Microsoft SharePointPS Search service.

5. Initiate a Full Update of all content indexes that contain the  
properties. (This rebuilt only one list of properties under

urn:schemas.microsoft.com:fulltextqueryinfo:xmlfilter in my case.)

6. Go to "Manage Properties of Crawled Content", locate the  
ows\_InfopathPropertyName' in the

urn:schemas-microsoft-com:office:officenamespace, and check the option,  
"Included in the Advanced Search options", which exposes the

meta property to the Sharepoint Search Service. (At this point it still did  
not have documents listed under 'Content Using this

Property')

7. Initiate another Full Update of all content indexes. (Now when you should  
see documents associated to the ows\_ property)

8. After the last update you will be able to select the properties on the  
Advanced Search page and find documents using the appropriate

criteria. (Leave the Search by Type' set to Any Type).

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Allison :)

"Bob C." wrote:

Allison,

Have you got Infopath docs to come up in a search?

Background:  
IP2003 sp2, SPPSp2 on W2003sp1 .

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My IP form sets doc lib properties when submitted. Those properties are defined from the IP Form Options/Form Lib Columns tab. When the form is published, those cols are added to the form lib All Items view. This all works fine.

When I review the properties on the [http://portal.me.com/\\_layouts/1033/Properties.aspx](http://portal.me.com/_layouts/1033/Properties.aspx) and found that those IP properties show up under urn:schemas-microsoft-com:office:office, both as ows\_propertyname and ows\_xd\_someguid\_abc1230x...

When I click on any of my custom IP properties in either section to the Edit Property page, Content Using this Property is blank, even though I have tens of IP docs using those properties...

Hmmmmm Any thoughts are appreciated.

"allison" wrote:

We are attempting to index infopath forms loaded in a SPS 2003 document library and search on 2 of the metadata properties. I suspect that I need to install an xml iFilter on the SQL Server but cannot find a definitive answer. Everything directs me to the SPS 2001 iFilter at [http://www.microsoft.com/sharepoint/server/techinfo/reskit/XML\\_Filter.asp](http://www.microsoft.com/sharepoint/server/techinfo/reskit/XML_Filter.asp).

Is this needed for 2003 or not?

Can anyone answer for sure if Sharepoint 2003 install includes an xml iFilter and if so then does it also need to be installed on the SQL Server box? This is on a medium (3 server) farm configuration.

Thanks,  
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Allison