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IBM WebSphere Partner Gateway V6.1

User search fields



@business on demand.

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This presentation covers the new user search fields used by the document viewer.

Agenda

- What the user defined search fields are
- How to populate them with values
- Using user defined search fields
- Summary and references



The agenda for this presentation includes what the user defined search fields are, how to populate them with values, and how to use them.

Section

What the user defined search fields are

This section describes the user defined search fields.

What are the user defined search fields?

- Up to ten additional search fields that can be used for document filtering available in the document viewer
- The values get associated with a document from the business document object attributes used during the document runtime processing.
- Values can be set either through the XML format definition or through a user exit.
- Values can be used to search both source and target documents.



The document viewer now has up to ten additional search fields that can be used for document filtering. The values get associated with a document from the Business Document Object attributes used during the document runtime processing. The values can be set either through the XML format definition or through a user exit. There is no Source document or Target document search option. The values are used for searching both documents. A typical use case would be applying a general classification to documents regardless of their business protocol, for example Purchase Order or Invoice.

Setting values using XML format

- XML format has been enhanced to support populating values into the User Defined Search fields during runtime.
- Can use either an XPath expression or fixed value.

The screenshot shows a configuration window titled "User search fields". It contains two sections for defining search fields. The first section is for "Search field 1" and includes the following fields:

- Attribute name: Search field 1
- XPath expression: [Text input field]
- Prefix namespace: [Text input field]
- Return type: Text (dropdown menu)

The second section is for "Search field 2" and includes:

- Attribute name: Search field 2
- XPath expression: [Text input field]

At the bottom of the window, there is a decorative bar with various icons and the text "User search fields" and "© 2007 IBM Corporation".

This is an example setting the value of a user-defined search field from within an XML format. This is an example for Search field 1. There are nine other additional search fields that you can use.

Setting values using user exit

- Values can be set anywhere that user exits can be used.

```
//Example code to set a user-defined search field.  
bdo.setAttribute(BCGDocumentConstants.BCG_USER_SEARCH_FIELD1, "UserSearchField1");  
bdo.setAttribute(BCGDocumentConstants.BCG_USER_SEARCH_FIELD2, "UserSearchField2");  
bdo.setAttribute(BCGDocumentConstants.BCG_USER_SEARCH_FIELD3, "UserSearchField3");  
bdo.setAttribute(BCGDocumentConstants.BCG_USER_SEARCH_FIELD4, "UserSearchField4");  
bdo.setAttribute(BCGDocumentConstants.BCG_USER_SEARCH_FIELD5, "UserSearchField5");  
bdo.setAttribute(BCGDocumentConstants.BCG_USER_SEARCH_FIELD6, "UserSearchField6");  
bdo.setAttribute(BCGDocumentConstants.BCG_USER_SEARCH_FIELD7, "UserSearchField7");  
bdo.setAttribute(BCGDocumentConstants.BCG_USER_SEARCH_FIELD8, "UserSearchField8");  
bdo.setAttribute(BCGDocumentConstants.BCG_USER_SEARCH_FIELD9, "UserSearchField9");  
bdo.setAttribute(BCGDocumentConstants.BCG_USER_SEARCH_FIELD10, "UserSearchField10");
```



User defined search field values can be set from a user exit. The slide shows some example code that would be used in an 'action' user-defined step for setting search field values. Not all of the search fields need to be populated.

Document viewer – Search field criteria

Reference ID

Source IP Address

Filter

Sort By Results Per Page

User Defined Search Fields

Search field 1

Search field 2

Search field 3

Search field 4

Search field 5

Search field 6

Search field 7

Search field 8

Search field 9

Search field 10

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This screen capture shows the document viewer's search criteria view. This example limits the results to those documents associated with a Search field 3 having a value of UserSearchField3. Wild card characters, such as *, %, and not are supported.

Document view – Details (bottom of view)

Details of the resulting document list from the previous slide search criteria

Document Events

· Help

Event Filter: Debug Information Warning Error Critical

Total Event Count: 3

Event Name	TimeStamp	Type	Event Code	Location	Source IP
Additional Information					
User Defined Search Fields	Duplicate ID Fields	Document Parent - Source	Document Parent - Target	Document Children - Source	Document Children - Target
Search field 1			Search field 2		
UserSearchField1			UserSearchField2		
Search field 3			Search field 4		
UserSearchField3			UserSearchField4		
Search field 5			Search field 6		
UserSearchField5			UserSearchField6		
Search field 7			Search field 8		
UserSearchField7			UserSearchField8		
Search field 9			Search field 10		
UserSearchField9			UserSearchField10		

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User search fields

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The results of the search are organized into tabs based on different criteria. One of the tabs contains the user-defined search field information for that document. In this example, the search was done using the UserSearchField3 value. Notice that even though this document has other search fields associated they were not used in the selection because they were not in the selection criteria.

Section

Summary and references



This section is the summary and references.

Summary and references

▪ Summary

- ▶ User defined search fields provide another level of convenience to administrators to locate documents in the Document Viewer.
- ▶ Criteria associated with a document during runtime either by XML Format definition or user exit.

▪ References

- ▶ Administrator guide on the document viewer
- ▶ Hub configuration guide for XML formats
- ▶ Programmer guide for user exits
- ▶ User exit sample that uses the new user defined search fields.
 - DevelopmentKits\UserExits\samples\EDITransTypeBusinessProcess



User defined search fields provide you another level of convenience to locate documents in the Document Viewer. Search criteria are associated with a document during runtime either by XML Format definition or user exit.

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