



## MetaLib Version 4.2.2(385-403)

### Release Notes

October 2008

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# 1. Introduction

## 1.1. Purpose and Scope

This document describes the functional and technical changes included in this service pack and provides implementation instructions where appropriate.

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**Note:** This document details the changes included in the current Service Pack only.

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### 1.1.1. Service Pack Name and Number

MetaLib Service Pack 4.2.2(385-403), October 2008.

### 1.1.2. Service Pack Highlights

This Service Pack includes bug fixes for MetaLib previous versions and additional OS/platform support. There are *no* items requiring mandatory implementation action. The delivery mechanism is the standard MetaLib Service Pack (SP) mechanism, which automatically applies all software changes related to these items.

The Service Pack can be applied on any MetaLib 4.x version. Customers who have not yet applied previous MetaLib 4.0 Service Packs should refer to the related documents listed below.

- Linux Red Hat 5.0 AS/ES – 64 bit operating system is certified as of this SP for MetaLib use. Linux Red Hat 5.0 packages and implementation instructions are currently being finalized and will be available soon. Upgrade of existing systems to Red Hat 5.0 requires Ex Libris assistance. Requests for scheduling Red Hat 5.0 upgrades must be submitted and coordinated in advance with your local Support office.
- A new UTIL for applying Service Packs is embedded in this Service Pack. You will be able to see it on the menu but not to use it. The functionality of this UTIL will be available when you apply your next MetaLib update package and will make the process more user-friendly.
- It is now possible to configure MetaLib to search a specified number of databases per QuickSet. Previously, MetaLib restricted the maximum number of databases that could be included in a QuickSet to a value that was expected to yield acceptable performance (response time) for all MetaLib customers based on Ex Libris performance testing for a variety of MetaLib environments and configurations. We recommend this value be changed with caution as a greater number of databases per QuickSets will indeed negatively impact search

performance in MetaLib. The maximum number of databases that can be included in a MetaLib QuickSet is 99, but Ex Libris generally recommends that no more than 20 databases be included in a MetaLib QuickSet to prevent performance degradation.

## 1.2. Related Documents and References

- How to apply the Service Pack:  
*MetaLib Version 4.x Service Pack*
- Release Notes for previous 4.2.1 MetaLib Service Packs :  
*METALIB-4.2.1-ServicePackItemContent-366-384.*
- For X-Server licensed customers - link to the X-Server Online Help:  
<http://<hostname:port>/X?op=explain&func=intro>
- MetaLib Version 4.2.x System Configuration Guide
- *MetaLib Version 4.x System Administration Guide*
- *MetaLib Version 4.x User Interface Guide*
- *MetaLib 4 How to Translate the MetaLib User Interface*

## 2. Service Pack Content Summary

[Table 1](#) contains a list of corrections that are included in this Service Pack.

Table 1: Corrections

#	Fix Number	Description	Module	Fix Type	Support Incident
1	385-386	<p>In principle, a QuickSet can include up to 99 resources. However, in practice a QuickSet used in the /V was limited to 20 resources. This limit has been removed.</p> <p>Note that increasing the number of resources in a QuickSet will affect performance. We recommend not exceeding 20 resources in a QuickSet.</p> <p>Note that in order to change the number of resources in a set, you must change the <code>setenv www_metalib_search_limit</code> parameter to the desired number, under "Search definitions":</p> <pre>&gt;&gt; cd \$metalib_conf/ &gt;&gt; vi www_server.conf</pre> <p>When done, save the file, start the server (using <code>start_w</code>), and then logout.</p>	/V	Fix	
2	388	Two new character conversion tables for Thai language have been added.	General	Fix	-
3	389	The plus icons in MetaSearch sometimes disappeared from certain database lists. This was fixed.	/V	Fix	8192-26225
4	390	When MetaLib links to the SFX A-Z list it will include the interface language in the URL so that SFX opens the correct interface language. For Chinese, MetaLib will now specify if the interface should be simplified or traditional Chinese (MetaLib sends either <code>lang=chi-traditional</code> or <code>chi-simplified</code> on the basis of the CJK language defined for the user's default language).	/V	Fix	139855
5	391	Alert e-mails from My Space (History) were sometimes with a different character set than the one chosen. This was fixed.	/V	Fix	16384-32966
6	392	For Japanese records there were some problems in sending records by mail and to the EndNote format. These problems were fixed.	/V	Fix	16384-31401 16384-40717

#	Fix Number	Description	Module	Fix Type	Support Incident
7	393	Saving Japanese records to EndNote program with UTF-8 encoding resulted in a corrupted file. This was fixed.	/V	Fix	16384-33261
8	395	The X-Service <code>retrieve_resources_by_category_request</code> did not return "IP filtered" resources even if the IP was in the range defined. This was fixed.	/X	Fix	16384-47470
9	396	A check whether PDS is available before redirecting the user to it for SSO was added. If PDS is available, there will be a redirection to it, and if not, MetaLib will be available for GUEST users only.	/V	Enhancement	-
10	397	There was a problem retrieving QuickSets via X-Server API, " <code>retrieve_quick_sets_request</code> ," service when QuickSets order wasn't changed from the initial order in /V. This was fixed.	/X	Fix	16384-9645
11	398	A new indicator was added to the X-Server "present" for adding Proxy server use to 856 links. If the request includes "Add_Proxy=Y", the X-Service "present" will append the proxy server IP to the external link. This is documented with an example in the X_Services online documentation, List of X-Services/present.	/X	Enhancement	-
12	399	Japanese resources with a diacritical mark in the first character were not indexed properly and could not be located in the Find Databases or MetaSearch modules. This was fixed.	/V	Fix	16384-46229
13	401	After applying minor release 4.2.0, customers could no longer customize the A-Z list and add non-ASCII characters to it. This is now possible.  To use the new fix, please refer to the <i>MetaLib 4.2.X How to Translate the MetaLib User Interface</i> document located in the Ex Libris Documentation Center (MetaLib Customers/4.X/User Interface). See also the implementation notes included later in this document in the 'Implementation Notes' section.	/V	Fix	16384-35742
14	402	A new SP UTIL has been added for future use. Documentation of how to use this feature will be supplied with the next release.	General	-	-
15	403	A roll back fix for fix number 381. The former fix allowed connecting to native interfaces who uses POST method for Search and Link resources via PROXY but by that it caused regression problem. Now it is possible to connect without PROXY.	/V	Fix	-

## 3. Implementation Notes

### 3.1. Translation of A to Z List

To customize the characters in the A to Z list on the **Find Database** page, perform the following steps:

1. Enter the following command to edit the `find-db-1-body-title` file:

```
>> vi ./ins<NN>/www_v_<lng>/find-db-1-body-title
```

Each line defines the search string that is used for the search and the letter that displays to the end-user.

2. Search for the following header in the file to update the display of the A-Z list (Latin).

```
`<START_SECTION><!-- head-latin -->
```

3. Add the special characters after the header, placing them in the order in which you want them to display.

For example, to add the Æ character after the letter Z in the display, add the following line:

```
<a href="%server_vir?func=find-db-1-title&mode=titles&scan_start=lat00C6&scan_utf=00C6&zlist=00C6&restricted=all" onclick="doScanCjk('lat00C6', 'Æ');return false;">Æ</a>
```

after the following line:

```
<a href="%server_vir?func=find-db-1-title&mode=titles&scan_start=latz&scan_utf=Z&azlist=Y&restricted=all" onclick="doScanCjk('latz', 'Z');return false;">Z</a>
```

In general, the values you need to update are shown in bold:

```
<a href="%server_vir?func=find-db-1-title&mode=titles&scan_start=<latUNICODE>&scan_utf=<UNICODE>&azlist=<UNICODE>&restricted=all" onclick="doScanCjk('<latUNICODE>', '<CHARACTER>');return false;"><CHARACTER></a>
```

You can use the following link to locate the UNICODE values for special characters:

<http://www.isthisthingon.org/unicode/index.phtml>

4. Open the `dat01/tab/new_char_az_list` file for editing.



5. Type in the codes for the special characters that you want to add. Make sure that you enter codes for both upper and lower case characters. For an example, see [Figure 1](#).

```

"new_char_az_list" 44 lines, 1821 characters
! File that includes all additional Character on the A-Z List
!
! Customer that wants to add a Character in the Latin A-Z list,
! has to perform the following steps:
!
! 1 - Update the find-db-1-body-title file to add the character on the A-Z list:
!
! <a href="%server_vir?func=find-db-1-title&mode=titles&scan_start=lat00C3&
! scan_utf=00C3&azlist=00C3&restricted=all" onclick="do$scanCjk('lat00C3','?');return false;"></a>
!
! Note: the '?' will be replaced by the charater of the 00C3 value
!
! 2 - Update this file as following:
!
!     COL 1.  4; ALPHA_NUM;
!             Equivalent;
!             The Character Unicode hexadecimal value that will be send by the HTML
!
!     COL 2.  4; ALPHA_NUM; ;
!             Character;
!             The Character Unicode hexadecimal value that will be
!             listed under the equivalent
!
! 3 - Re-index DAT01 Database
!
! Exemple to add a charachter in the file (No need for the description in () ):
!
!00C3 00C3 (LATIN CAPITAL LETTER A WITH TILDE)
!00C3 00E3 (LATIN SMALL LETTER A WITH TILDE)
!
! Do not forget to enter both a line for the CAPITAL and for the SMALL letters as in the exemple
!
!!!! !!!!
00C4 00C4 #LATIN CAPITAL LETTER A WITH DIAERESIS ABOVE
00C4 00E4 #LATIN SMALL LETTER A WITH DIAERESIS
00C5 00C5 #LATIN CAPITAL LETTER A WITH RING ABOVE
00C5 00E5 #LATIN SMALL LETTER A WITH RING ABOVE
00C6 00C6 #LATIN CAPITAL LETTER AE
00C6 00E6 #LATIN SMALL LETTER AE
00D6 00D6 #LATIN CAPITAL LETTER O WITH DIAERESIS
00D6 00F6 #LATIN SMALL LETTER O WITH DIAERESIS
00D8 00D8 #LATIN CAPITAL LETTER O WITH STROKE
00D8 00F8 #LATIN SMALL LETTER O WITH STROKE

```

Figure 1. new\_char\_az\_list Table

6. Re-index your data by using UTIL T, 2..
7. Start the server (start\_w command).

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**Note:** The changes in the table are system wide and do not apply to one language only. Therefore, if a change is made for only one institution (such as INS02/www\_v\_eng) and not the others, the resources that now appear under the special character on the list that was changed will not appear at all on the other lists where the special character does not appear. In addition, they will not appear under any A-Z letter, or under the 'Other' list for the other institution(s) that were not modified. If the resource(s) is available for all institutions, the

special character(s) must be added to each relevant file  
(INS<MN>/www\_v\_<lng>/find-db-1-body-title).

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