Amlib
Client Patch
Installation
Guide

Version 6.0.1

Last Updated: 16 June 2014

# Only for customers who have previously upgraded their Amlib Client to Version 6.0
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WELCOME

Welcome to the *Amlib 6.0.1 Client Patch* Installation Guide.

This is a patch release containing updated modules and new reports. The complete installation time is estimated at less than one (1) hour to complete.

**Please Note:** This document has been prepared for all libraries that currently have *Amlib Client 6.0* installed. For users who haven’t previously upgraded from 6.0 please contact Amlib Support for information on upgrading.

OVERVIEW

The upgrade of the *Amlib* client involves the following steps:

1. Upgrade of the *Amlib* client application to *Amlib Client 6.0.1*

**IMPORTANT:** Please check your version of Amlib before running the patch. It is very important that you only run this patch if you are currently running Amlib Version 6.0. To check your current version of Amlib:

1. In *Amlib* navigate to **Main > Base > About Release**
2. Note the version number at the top of the screen
BEFORE YOU BEGIN THE INSTALLATION…

Read the Installation Notes First

Please carefully read the entire installation guide prior to commencing the actual Amlib release update.

If you have any questions please contact: support-amlib@oclc.org.

Follow the instructions precisely and do not run any scripts against the database more than once. If you have any difficulties, please call OCLC (UK) Ltd immediately.

Option to Install to Test Database First

If you would like to only install this release in your test Amlib database, please email support-amlib@oclc.org before proceeding.

Customised Report Templates

WARNING!

Sites that have customised any report templates MUST ensure that the customised templates have been saved with a new name (with backup copies saved elsewhere).

- The report templates are located in the Reports folder on your Amlib server – for example: C:/Amlib/Reports

If you have not renamed your templates after making changes, they will be overwritten during the upgrade as the incoming template file names will match on the existing template file names.

As part of the upgrade process, all current report templates will be saved into the Amlib/Previous/Reports folder.

Serial Numbers NOT Required for Installation of Amlib Modules

- The Amlib Client 6.0.1 Patch DOES NOT require a serial number
# AMLIB SUPPORTED OPERATING SYSTEMS & SYSTEM REQUIREMENTS

## Database Server

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Linux (and Unix)</td>
</tr>
</tbody>
</table>
| RDBMS | Microsoft SQL Server 2008, 2008 R2, 2012 R2  
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Oracle 10g, 11gR2</td>
</tr>
</tbody>
</table>
| Memory (RAM) | Depends on operating system, volume & RDBMS selected  
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum 2GB RAM for SQL Server but recommended 3+GB</td>
</tr>
<tr>
<td>Minimum 2GB RAM for Oracle but recommended 3+GB</td>
</tr>
<tr>
<td>Hard Disk</td>
</tr>
<tr>
<td>Backup</td>
</tr>
</tbody>
</table>

## OpenOPAC (Web Opac) Application Web Server

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows 7</td>
</tr>
<tr>
<td>.Net Framework</td>
</tr>
<tr>
<td>IIS</td>
</tr>
<tr>
<td>Java runtime</td>
</tr>
<tr>
<td>Memory (RAM)</td>
</tr>
</tbody>
</table>
| Hard Disk | Minimum 40GB depending on the size of the catalogue  
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(Only applies to Solr search server)</td>
</tr>
</tbody>
</table>
| Browser | IE 9 or higher  
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Chrome, Firefox, Opera</td>
</tr>
<tr>
<td>Safari 5.1.7 or higher</td>
</tr>
<tr>
<td>Javascript</td>
</tr>
</tbody>
</table>
Cookies

Must be activated

Automatic mobile device detection does not work without cookies. When cookies are disabled, the site can’t store culture information (eg. the language that is selected, and the date settings) and the login information is stored in a way that is considered to be unsafe.

NetOpacs (Web Opac) Application Web Server

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Memory (RAM)</td>
<td>Depends on operating system and volume</td>
</tr>
<tr>
<td></td>
<td>Minimum 2GB RAM for Windows 2003/2008</td>
</tr>
<tr>
<td></td>
<td>Minimum 4GB RAM for Windows 2012</td>
</tr>
</tbody>
</table>

Please Note: Although NetOpacs can operate on the same Amlib Database Server, it is recommended that medium to large libraries should implement a dedicated NetOpacs Server for maximum performance & security.

PC Client (for Client Server Modules including Offline)

<table>
<thead>
<tr>
<th>Operating System</th>
<th>Vista, Windows 7, Windows 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memory (RAM)</td>
<td>Minimum 256 Mb for Windows 2003</td>
</tr>
<tr>
<td></td>
<td>Minimum 2GB for Windows 7</td>
</tr>
<tr>
<td></td>
<td>Minimum 2GB for Windows Vista</td>
</tr>
<tr>
<td></td>
<td>Minimum 2GB for Windows 8</td>
</tr>
<tr>
<td>Display</td>
<td>SVGA (800x600) minimum</td>
</tr>
<tr>
<td>Web Browser</td>
<td>Internet Explorer 8 and above (will also work with other JAVA enabled browsers)</td>
</tr>
</tbody>
</table>

Important Note: the above requirements are provided as a general guideline only.
Frequently Asked Questions

Question: How much space do I need to have on my server?

- This will vary from library to library, depending on the number of bibliographic records held in the database. Generally libraries should ensure they have at least 5 Gb free space on their database server.

Question: Do I need to have a completed backup of my system before proceeding?

- Yes. OCLC (UK) Ltd recommends that the library verify that it has an up-to-date backup of its database (for example: from the previous night) before installing any updates. You should also make sure that your tape backup includes a backup of your Amlib client folder (for example: C:\Amlib).

- Also if you have customised any report templates, please ensure they have been renamed and a copy saved elsewhere. If you have not renamed your templates after making changes, they will be overwritten by the upgrade as the incoming file name will match on the existing file name.

Question: Do I need to update each PC with the Amlib Client Patch?

- In addition to the database server itself, the Amlib Client 6.0.1 Patch needs to be installed on each PC that has the Amlib software loaded on the local hard disk.

Question: How do I know whether Amlib is loaded from my local PC?

- Right-click on the Amlib icon on your desktop and select Properties – the Amlib Toolbar Properties window will display.

- The Target field will show you where your Amlib client is installed:
  a. If it has something like C:\Amlib (or D:\Amlib, E:\Amlib depending on the hard drives in your computer) then it is installed locally.
  b. If it starts with two back slashes (\\) and then a name or IP address, it is installed on a server.
If you are having trouble identifying where Amlib is installed please contact your IT Department or Amlib Support for assistance.

**Question: Do all users need to be logged out of Amlib?**

- Yes. All users should be completely logged out from all Amlib client modules when installing the new Amlib client release UNTIL the entire upgrade processes are completed.
- Libraries using the NetOpacs module should ensure that this program is also shutdown.

**Question: Can OCLC (UK) Ltd install the patch for me?**

- Yes. OCLC (UK) Ltd can arrange for the onsite installation of this upgrade for a fee.
SECTION 1: UPGRADE AMLIB SERVER AND DATABASE

The Amlib Client 6.0.1 Patch needs to be installed on both the Amlib server and any PCs with the Amlib client installed locally.

Please Note: This process should take less than an hour depending on the size of your database and server configuration. (If you are reading this document for the first time and have not yet started the Amlib Client 6.0.1 Patch, you can copy your Live database to your Test database, and run the script on the Test database first to ascertain how long it will take).

Step 1: Log All Users out of Amlib

- Ensure all users have logged out of the Amlib client
- Libraries using NetOpacs will need to ensure that the NetOpacs program has been shut down on the web server(s)
- OCLC (UK) Limited recommends that the library verify that it has an up-to-date backup of its database (for example: from the previous night) before installing any updates

Step 2: Install the Amlib Client 6.0.1 Patch

IMPORTANT: Please ensure that you have full read/write access to the \Amlib folder on your server (for example: C:\Amlib) and that you are logged in with Administrative Privileges.

1. The Amlib Client 6.0.1 Patch installer is available on the OCLC Website, under Updates and Patches>Amlib Client:
   (Contact Amlib support via Topdesk if you require a login to this website)

2. Download the Amlib601Patch.exe and save it on your Amlib server

3. Double-click the Amlib601Patch.exe to launch the installation Wizard – the Setup – Amlib Client screen will open displaying the Welcome message:
4. Click the **Next** button – the **Installation Location** screen will be displayed

5. Setup will search for the existing folder where the *Amlib* client is currently installed (if it is unable to find the existing folder a default folder will display)

6. If the folder displayed IS NOT correct then click the **Browse** button to manually locate the location of the existing \*Amlib* folder
7. Click the **Next** button – the **Select Components** screen will display:

8. **Choose** all components to be installed:

   **Modules to Install:**
   - **Amlib Staff User (Full)** – upgrades *Amlib* Staff Client (catalogue, circulation, etc.)
   - **Choose Report Template Paper Format** (ensures all report templates are based on A4 paper size)

9. Select options and click the **Next** button – the **Ready to Install** screen will display with a summary of the installation tasks to be performed:
10. Click the Install button – the Installing screen will display:

![Installing Screen]

11. When complete click the Finish button

![Finish Screen]

12. The setup Wizard will close

Installation of the Amlib Client 6.0.1Patch update is now complete.
SECTION 2: UPDATE ALL PCS IF AMLIB IS INSTALLED LOCALLY ON EACH PC

Step 1: Install the Amlib Client 6.0.1Patch

Please ensure that you have full read/write access to the \Amlib folder (for example: C:\Amlib) and that you are logged in with Administrative Privileges.

- To install the Amlib Client 6.0.1Patch to local machines, simply follow the instructions in Section 1 – Step 2: Install the Amlib Client 6.0.1Patch above

PLEASE NOTE:

- If the Amlib Client software is installed on each PC: EVERY PC that has the Amlib Client software installed on it will need to have the above Amlib Client 6.0.1 Patch loaded on the local hard drive (for example: C:\Amlib)
- If separate Amlib OPAC Client software is installed separately on an OPAC terminal: the Amlib Client 6.0.1 Patch above will also need to be installed to the folder containing the Amlib OPAC Client software (EXCEPT only choose the option Amlib Opac Only at instruction 5)
- Refer to Appendix A (at the end of this document) for optional information of Silent Mode Command Line Parameters available for installing the Amlib client

SECTION 3: UPGRADE NETOPACS & ASSOCIATED PRODUCTS

After the upgrade of the Amlib client to Version 6.0.1, sites will then need to upgrade their NetOpacs (where applicable) if not using OpenOPAC

- See separate guide for installation details

SECTION 4: ADVISE OCLC (UK) LTD OF COMPLETION

To enable OCLC (UK) Ltd to verify that the Upgrade has been installed correctly please e-mail the upgrade.log to:

- support-amlib@oclc.org

This file will be located in the \Amlib\Scripts folder on the PC/server.
APPENDICES

Appendix A: Silent Mode Command Line Parameters

The *Amlib Client 6.0.1 Patch* installer features the option to install with silent mode command parameters - ideal if you wish to automatically distribute to *Amlib* Staff Workstations as part of a login script.

For example:

- Amlib533Patch.exe /VERYSILENT /SUPPRESSMSGBOXES /NOCANCEL /DIR="c:\amlib"

(Installs the *Amlib Client 6.0.1 Patch* silently to the *C:\Amlib* on the workstation)

Details of available parameters are:

/SILENT, /VERYSILENT

Instructs Setup to be silent or very silent. When Setup is silent the wizard and the background window are not displayed but the installation progress window is. When a setup is *very silent* this installation progress window is not displayed. Everything else is normal so for example error messages during installation are displayed unless disabled using /SUPPRESSMSGBOXES.

If a restart is necessary and the '/NORESTART' command isn't used (see below) and Setup is silent, it will display a *Reboot now?* Message box. If it's very silent it will reboot without asking.

/SUPPRESSMSGBOXES

Instructs Setup to suppress message boxes. Only has an effect when combined with '/SILENT' and '/VERYSILENT'.

The default response in situations where there's a choice is:

-Yes in a 'Keep newer file?' situation.
-No in a 'File exists, confirm overwrite.' situation.
-Abort in Abort/Retry situations.
-Cancel in Retry/Cancel situations.
-Yes (=restart) in a FinishedRestartMessage/UninstalledAndNeedsRestart situation.

5 message boxes are not suppressible:

-The About Setup message box.
-The Exit Setup? message box.
-The FileNotInDir2 message box displayed when Setup requires a new disk to be inserted and the disk was not found.
-Any (error) message box displayed before Setup (or Uninstall) could read the command line parameters.
-Any message box displayed by [Code] support function MsgBox.
/NOCANCEL
Prevents the user from cancelling during the installation process, by disabling the Cancel button and ignoring clicks on the close button. Useful along with '/SILENT' or '/VERYSILENT'.

/NORESTART
Instructs Setup not to restart even if it's necessary.

/RESTARTEXITCODE=exit code
Specifies the custom exit code that Setup is to return when a restart is needed. Useful along with '/NORESTART'. Also see Setup Exit Codes.

/DIR="x:\dirname"
Overrides the default directory name displayed on the Select Destination Location wizard page. A fully qualified pathname must be specified.

/PASSWORD=password
Specifies the Password (Serial Key) to use.

When an invalid password is specified, this command line parameter is also ignored.

/GROUP="folder name"
Overrides the default folder name displayed on the Select Start Menu Folder wizard page.

/NOICONS
Instructs Setup to initially check the Don’t create any icons check box on the Select Start Menu Folder wizard page.

/COMPONENTS="comma separated list of component names"
Overokes the default components settings. Using this command line parameter causes Setup to automatically select a custom type.

(You will need to contact Amlib Support for a complete list of Components that are available to choose from, depending on which Installer is being used)

/TASKS="comma separated list of task names"
Specifies a list of tasks that should be initially selected or deselected. To deselect a task, prefix its name with a "!" character.

Only the specified tasks (and their children) will be selected; the rest will be deselected. Use the /MERGETASKS parameter instead if you want to keep the default set of tasks and only select/deselect some of them.

Examples:

Deselect all tasks, then select the "desktopicon" and "fileassoc" tasks:
/TASKS="desktopicon,fileassoc"

Deselect all tasks, then select a parent task item, but exclude one of its children:
/TASKS="parent,!parent\child"
`/MERGETASKS="comma separated list of task names"`  
Like the /TASKS parameter, except the specified tasks will be merged with the set of tasks that would have otherwise been selected by default.

If UsePreviousTasks is set to yes, the specified tasks will be selected/deselected after any previous tasks are restored.

Examples:
Keep the default set of selected tasks, but additionally select the "desktopicon" and "fileassoc" tasks:  
/MERGETASKS="desktopicon,fileassoc"

Keep the default set of selected tasks, but deselect the "desktopicon" task:  
/MERGETASKS="!desktopicon"

`/LOG`  
Causes Setup to create a log file in the user's TEMP directory detailing file installation and [Run] actions taken during the installation process. This can be a helpful debugging aid. For example, if you suspect a file isn't being replaced when you believe it should be (or vice versa), the log file will tell you if the file was really skipped, and why.

The log file is created with a unique name based on the current date. (It will not overwrite or append to existing files.)

The information contained in the log file is technical in nature and therefore not intended to be understandable by end users. Nor is it designed to be machine-parseable; the format of the file is subject to change without notice.

`/LOG="filename"`  
Same as /LOG, except it allows you to specify a fixed path/filename to use for the log file. If a file with the specified name already exists it will be overwritten. If the file cannot be created, Setup will abort with an error message.

`/LOADINF="filename"`  
Instructs Setup to load the settings from the specified file after having checked the command line. This file can be prepared using the '/SAVEINF=' command as explained below.

Don't forget to use quotes if the filename contains spaces.

`/SAVEINF="filename"`  
Instructs Setup to save installation settings to the specified file.

Don't forget to use quotes if the filename contains spaces.