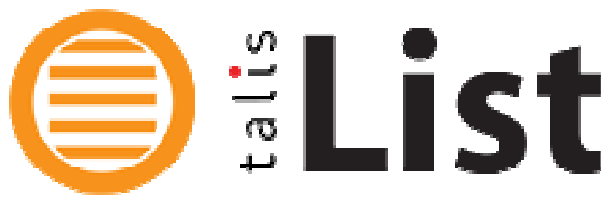


talis



2.3 Release Notice

May 2006

About this document

This document describes how to download and install the software required to upgrade Talis List 2.2 to Talis List 2.3. Please read this document carefully before attempting to upgrade your Talis List installation. Knowledge of basic UNIX commands is presumed.

Contacting Talis

If you are experiencing difficulties, please contact your System Manager/IT Department in the first instance. You can now raise calls using Talis Solutions, Talis' 24 x 7 customer support web based service. You must have a user name and password to access the customer support web site.

Talis Support

Talis Solutions: <http://support.talis.com/>

Tel: +44 (0)870 400 5400

General enquiries

Tel: +44 (0)870 400 5000

Fax: +44 (0)870 400 5001

Email: info@talis.com

Internet: <http://www.talis.com/>

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1. Introduction

This document describes how to upgrade your Talis List installation from version 2.2 to version 2.3.

Note: If you wish to install Talis List from scratch, or are not currently running Talis List 2.2, please contact Talis Support for more information.

During the upgrade from Talis List 2.2 to Talis List 2.3:

- ◆ Your Java installation is upgraded from version 1.2.2 to 1.4.2
- ◆ The Tomcat application container is upgraded from version 3.1.1 to 4.1.29
- ◆ The Talis List directory changes to more closely resemble that of Talis Prism. This improves consistency across Talis products and represents a more logical structure. The new directory structure is given in [“Appendix A: The new Talis List directory structure”](#).

1.1 Supported browser versions

Talis List 2.3 supports the following browsers:

- ◆ Netscape 7.0(*)
- ◆ Internet Explorer 5.5
- ◆ Internet Explorer 6.0

(*) There is a minor known defect in Netscape 7.02 which prevents the edit window popping to the front when the **Add+Edit** button is used. The suggested work around is to switch to the edit window using either the mouse or the alt and tab keys.

1.2 What's new in Talis List 2.3

Talis List 2.3 provides integration between WebCT Vista and Talis List. When a student logs into their VLE, they can click a link which takes them to the appropriate reading list and its contents. For further information about setting up WebCT Vista Integration, please raise a call via [Talis Solutions](#). Talis List 2.3 also includes a number of defect fixes as listed in section 6.

2. Prerequisites

Prior to installation, please ensure that:

- ◆ You have carried out a **full_softdump** to back up the existing Talis and Talis List software. Note that there are no changes to the Talis List database in version 2.3, so a **full_dbdump** is not required.
- ◆ You have sufficient spare disk space in **/scratch**. Ensure that at least 75MB is available.
- ◆ Both your live and tutor Talis List systems are running version 2.2.

The following sections describe how to determine what version of Talis List you are running, and to check the amount of disk space available.

To check your live version of Talis List (Sybase users)

1. Log in as user **talislist**.
2. Run the following commands:

```
isql -Usa -P
use prod_list
go
<SELECT * FROM TALISLIST_VERSION>
go
```

The output should be similar to the following:

VERSION	UPGRADE_DATE
2.200000	Aug 12 2003 12:04PM

3. If the version is not 2.2, do not attempt to upgrade to Talis List version 2.3.

To check your tutor version of Talis List (Sybase)

4. Log in as user **talislist**.
5. Run the following commands:

```
isql -Usa -P
use tutor_list
go
<SELECT * FROM TALISLIST_VERSION>
go
```

The output should be similar to the following:

VERSION	UPGRADE_DATE
2.200000	Aug 12 2003 12:04PM

6. If the version is not 2.2, do not attempt to upgrade to Talis List version 2.3.

To check your version of Talis List (PostgreSQL users)

1. Log in as user **postgres**.
2. Run the following commands:

```
psql -U Postgres -d prod_list
<SELECT * FROM TALISLIST_VERSION>
```

3. Both your live and tutor Talis List systems must be running version 2.2.

Checking available memory

Please ensure that your Talis List server has at least 128Mb memory free. We suggest you run the command **vmstat 1 2** on your server at a busy time of use. This will display the available memory. On a Sun OS server, expect to see an output similar to the following:

procs		memory		page					disk				faults		cpu						
r	b	w	swap	free	re	mf	pi	po	fr	de	sr	dd	dd	f0	s1	in	sy	cs	us	sy	id
0	0	57	186560	22856	6	29	71	59	84	0	507	11	1	0	1	332	246	248	1	3	96
0	0	45	308064	23504	0	7	0	0	0	0	0	0	0	0	0	304	90	206	0	0	100

The free memory on this server is **23504** (23Mb). This number has to be at least 128000 for you to run Talis List.

On a Linux server, expect to see an output similar to the following:

procs		memory		swap		io		system			cpu				
r	b	swpd	free	buff	cache	si	so	bi	bo	in	cs	us	sy	id	wa
0	0	33636	24144	40608	1016036	0	0	0	0	1	1	0	0	1	0
0	0	33636	24144	40608	1016036	0	0	0	0	114	265	0	0	100	0

The free memory in this example is **1016036** (1,016Mb). This number has to be at least 128000 for you to run Talis List. If these memory requirements are not met, please contact Talis Support and do not continue to upgrade Talis List.



Note: By running this upgrade, all changes made to jsps (Talis List Java Server Pages code) will *not* be transferred over to Talis List 2.3. Changes made to configuration files will be carried over. If you have any questions about carrying over modifications from your Talis List 2.2 to version 2.3, please contact Talis Support..

3. Downloading the upgrade files

There are two versions of the Talis List upgrade file available to download from the Talis FTP site. One is for installation on Solaris platforms (**TalisList-SunOS-v2.3.tar.gz**) and the other for installation on the Linux operating system (**TalisList-Linux-v2.3.tar.gz**). Please ensure you download the correct file.

To download the upgrade files

1. Log onto your Talis List server as user **talismist**.
2. Enter your talismist password when asked.
3. Check if the upgrade directory exists:


```
cd /scratch
ls -ld upgradeTalislist_2.3
```
4. If the directory is not found then make an empty directory called **upgradeTalislist_2.3** under **/scratch**:


```
mkdir /scratch/upgradeTalislist_2.3
```

 Move into the directory and remove any old files:


```
cd /scratch/upgradeTalislist_2.3
rm -rf *
```
5. Access the Talis ftp server as follows:


```
ftp ftp.talis.com
```

If you cannot access the Talis ftp server, there may be no route between your machine and the Talis ftp machine. Please consult your network support staff.

6. Log in using your member login and password and enter the following commands:

```
cd talislist2.3  
bin
```

Download the appropriate Talis List upgrade file, depending on your operating system. Enter either

```
get TalisList-SunOS-v2.3.tar.gz
```

or

```
get TalisList-Linux-v2.3.tar.gz
```

7. Once the file has arrived, log off the ftp server:

```
quit
```

8. Finally, check that the size of the file is the same as the one listed on the ftp server. The details for each version are given below.

```
-rw-r--r-- 51756997 May 19 17:30 TalisList-SunOS-v2.3.tar.gz  
-rw-r--r-- 50938834 May 15 13:56 TalisList-Linux-v2.3.tar.gz
```

4. Upgrading the application

4.1 Unpacking the upgrade files

Start by unpacking the appropriate upgrade files for either your Solaris or Linux platform.

To unpack the Solaris upgrade files

1. Login in as **root**.
2. Change to the directory to which you downloaded the upgrade file:

```
cd /scratch/upgradeTalislist_2.3
```

3. Unzip the Solaris file:

```
gunzip TalisList-SunOS-v2.3.tar.gz  
tar xf TalisList-SunOS-v2.3.tar
```

4. Set the appropriate permissions:

```
chmod 755 setup.sh
```

To unpack the Linux upgrade files

1. Login in as **root**.
2. Change to the directory to which you downloaded the upgrade file:

```
cd /scratch/upgradeTalislist_2.3
```

3. Unzip the Linux file:

```
gunzip TalisList-Linux-v2.3.tar.gz  
tar xf TalisList-Linux-v2.3.tar
```

4. Set the appropriate permissions:

```
chmod 755 setup.sh
```

4.2 Running the upgrade

At the start of the upgrade process, your Java installation is upgraded from version 1.2.2 to 1.4.2. Following this, the install process will perform various pre-upgrade checks to ensure that your system is suitably configured for upgrade. If any of the checks fail, make a note of the error and contact Talis Support. In addition:

- ◆ You should accept the licence agreement from Sun when prompted.
- ◆ You may see some system error messages during the upgrade. These are trivial and can be ignored.

To run the upgrade

1. Login in as **root**.
2. Shutdown the current version of Talis List:

```
cd /usr/local/jakarta-tomcat/bin
./shutdown.sh
```

3. Run the upgrade script and follow the instructions:

```
cd /scratch/upgradeTalislist_2.3
./setup.sh -U
```

At the end of the installation, you may see output the looks similar to the following:

```
Updating rc scripts...
mv: cannot access S903.tomcat
mv: cannot access K903.tomcat
mv: cannot access S903.tomcat
mv: cannot access K903.tomcat
mv: cannot access S903.tomcat
mv: cannot access K903.tomcat
mv: cannot access S903.tomcat
mv: cannot access K903.tomcat
mv: cannot access S903.tomcat
mv: cannot access K903.tomcat
./setup.sh: cd: /etc/rc4.d: No such file or directory
mv: cannot access S903.tomcat
mv: cannot access K903.tomcat
./setup.sh: cd: /etc/rc5.d: No such file or directory
mv: cannot access S903.tomcat
mv: cannot access K903.tomcat
./setup.sh: cd: /etc/rc6.d: No such file or directory
mv: cannot access S903.tomcat
mv: cannot access K903.tomcat
```

Please disregard this output. It does **not** mean that the upgrade has failed. The upgrade includes updating the RC start-up commands and tries at first to backup the existing RC scripts if they exist.

4.3 Additional Talis List 2.3 Upgrade Tasks

The Talis List installer copies all of your old configuration files to the new Talis List directory, therefore retaining your existing images and their settings. Unfortunately, this means that the image **arrow2.gif** is not displayed correctly.

To correct the display of the image arrow2.gif

1. Login in as **root**.
2. Enter the following command:

```
cd /usr/opt/blcmp/talislist/app/WEB-INF/conf
```

3. Open the file **icons.tag** in your preferred editor (for example vi).

```
vi icons.tag
```

4. Find the entry that reads:

```
com.talis.talislist.tagext.icon.arrow2: 
```

5. Change the size values of this entry so that the image has a set height to **18** and width to **127**. The amended entry should read:

```
com.talis.talislist.tagext.icon.arrow2: 
```

6. Save the file and quit back to your shell.
7. Please repeat the above process with your tutor_talislist (/usr/opt/blcmp/talislist/tutor_app/WEB-INF/conf)

Alternatively you can copy the file directly by entering the following command:

```
cp /usr/opt/blcmp/talislist/app/WEB-INF/conf/icons.tag
/usr/opt/blcmp/talislist/tutor_app/WEB-INF/conf
```

5. Running the application

The new Talis List directory structure now contains a **bin** directory. This directory contains a set of scripts for stopping, starting and monitoring Talis List.

To run the application

1. Login in as the **talislist** user.
2. Change to the following directory:

```
cd /usr/opt/blcmp/talislist/bin
```

3. Run the following command:

```
./startup.sh
```

4. Load Talis List through your web browser to check that it works. Also, please execute the following command on your Talis List server to check that the java process is running:

```
ps -ef | grep java
```

Running this command should produce an output similar to:

```
talis 4956 4948 0 15:28:54 pts/6 0:00 grep java
talislist 4532 1 0 08:11:17 ? 0:41
/usr/opt/blcmp/talislist/java/j2sdk1.4.2_06/bin/java -Xms128M -Xmx364M -Djava.e
```

If Talis List does not run through your browser and you do not see a java process like in the example above, please report the problem to the Talis Support.

6. Defects fixed

The following defects have been fixed in Talis List 2.3.

Problem with deleting courses (Defect Id 22)

Deleting courses in Talis List can take several minutes and it may sometimes time out.

Users are now able to delete courses without a timeout occurring.

Print preview screen (Defect Id 33)

Print preview screen does not display correctly in an 800 x 600 screen resolution. This is specific to Internet Explorer.

Print preview now displays so that it is possible to access the print button.

Printing (Defect Id 35)

The print function in Talis List does not print essential and recommended material.

The print function now includes the essential and recommended material.

Printing course information (Defect Id 36)

When printing a list, each word from the course wraps around on the next line.

Printing now displays with course across the top of the page.

Problems when bulk editing (Defect Id 40)

An error occurs when a large number of entries are selected for bulk editing.

It is now possible to select a maximum of 25 entries for bulk actions.

Titles with diacritics do not display correctly (Defect Id 45)

If an entry contains diacritics in the title, Talis List does not display the correct characters.

Diacritics are now displayed correctly when using the 'Add+Continue' bookmarklet. Diacritics do not display correctly when using the 'Add+Edit' bookmarklet.

Help not available (Defect Id 46)

No help available when a user has deleted an entry.

Clicking on help will now take you through to the correct help page for the context you are in. In this release, default help text is available from all screens.

External URL links disappearing (Defect Id 50)

An external URL link inserted into an entry will be lost if the order of the sequence is changed.

Inserted URL links remain after sequence is changed.

Copy Entry function does not work (Defect Id 55)

The copy function does not copy entries when function is selected.

This has now been partially fixed in Talis List 2.3. The copy function does now work correctly up to 20 entries. However if list contains more than 20 entries this function may not work correctly.

Adding an entry by control number (Defect Id 57)

Adding a new entry selecting a Type of **OPAC – ISSN or ISBN** and entering a control number in the Control Number field results in a blank entry.

You can now enter a number that you know is available in your library catalogue and Talis List will retrieve the information and display it in your reading list.

Course codes with trailing spaces (Defect 61)

It is possible to enter a course code with a trailing space, which can then not be retrieved.

Spaces before and after a course code are removed before the data is entered into the database.

Courses – new owners (Defect Id 63)

When a new course is added and a new owner is added, the unsaved page should be redisplayed to show the added owner.

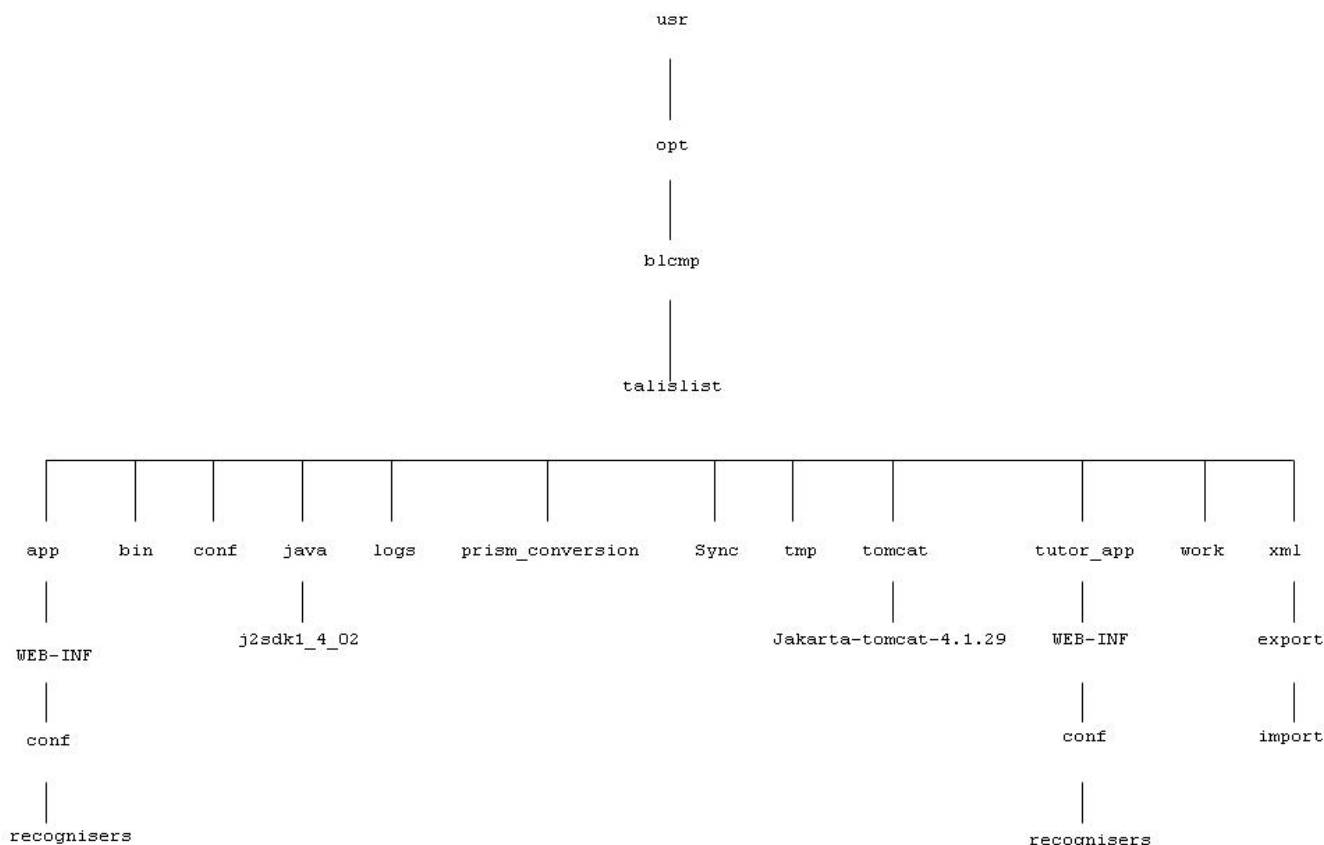
When a new owner is added, the page now re-displays.

Advanced Search – ‘Any’ field (Defect Id 68)

In the Advanced Search form, when you choose search criteria that have a finite list for selection and you select ‘any’ as a search term, an error message appears.

For any search criteria that has a finite list for selection, you can now select ‘any’ as a search term on the Advanced Search screen and the search will be performed.

Appendix A: The new Talis List directory structure



The first change to note is that under `/usr/opt/blcmp` there are no longer separate directories for the tutor and live Talis List instances. Both applications now reside under `/usr/opt/blcmp/talislist` in the **tutor_app** and **app** directories respectively. These two application directories remain in the same format as previous Talis List versions, with jsps contained in the `[tutor_]app` dir, and configuration in `WEB-INF/conf` and its subdirectories.

Secondly, the Java runtime environment and Tomcat web application container used by Talis List are now directly located under the Talis List directory. The **java** directory contains a symbolic link to the actual runtime environment on the machine. The **tomcat** directory contains a full installation of the recommended Tomcat version used by Talis List.

The **bin** directory contains a new set of scripts, modelled on the set provided with Talis Prism, for shutting down, starting up and monitoring Talis List. The functions of these scripts are described in their names (i.e. **startup.sh** starts Talis List, **shutdown.sh** shuts Talis List down, etc.). These are the scripts that should always be used to stop and restart Talis List (that is when making changes to configuration). It is no longer necessary (or supported) to call the scripts in the Tomcat **bin** directory directly. Nor is it required (using the **nohup** command) to pipe the output from Tomcat to a file in order to monitor Talis List, as the **monitor_tomcat.sh** script provided will do this.

Appendix B: Setting CRON Jobs

Restart Talis List daily at 06.00

```
#####
# TalisList stop and start tomcat
#####
00 6 * * * /bin/su - talislist -c "/usr/opt/blcmp/talislist/bin/restart.sh" 2>
/scratch/tomcat$$$.out" > /scratch/tomcat$$$.cron 2> /scratch/tomcat$$$.err
```

Talis List to Talis LMS synchronisation daily at 05.30 (Optional)

```
#####
# TalisList to Talis Sync script
#####
30 5 * * * /bin/su - talislist -c "date;cd
/usr/opt/blcmp/talislist/Sync;TalisListTalisSync.sh"
>/usr/opt/blcmp/talislist/Sync/Sync.rep
```

Backup Talis List PostgreSQL Databases weekly on Sunday at 03.00 (Optional for non Talis LMS sites)

```
#####
# Create Talis List Postgres SQL DB backups
# At 3am Every Sunday
#####
00 03 * * 0 /usr/opt/blcmp/talislist/bin/backupPGDB.sh > backupPGDB.out 1>backupPGDB.out
2>backupPGDB.out
```

Remove backups of Talis List PostgreSQL Database that are older than 30 days (Optional for non Talis LMS sites)

```
#####
# Remove Talis List DB backups
# older than 30 days
#####
00 04 * * * /usr/bin/find /usr/opt/blcmp/talislist/PGSQLDBBackups -mtime +30 -exec rm -f
{} \; >/dev/null 2>&1
```

Backups of PostgreSQL Databases should be moved from the same hard disk drive where the PostgreSQL installation resides. It is recommended that all .tar backup files under the directory **/usr/opt/blcmp/talislist/PGSQLDBBackups** be moved to either tape or another physical networked drive.