

# AFO 652 – Upgrades

## 652.1 Introduction

There is a GUI wizard interface available for upgrades. This upgrade wizard guides you through the necessary steps. A separate part of the upgrade procedure is the upgrade monitor, a function that monitors installations of upgrades, patches and miscellaneous software.

The upgrade monitor maintains a history of upgrades that have been performed on the system. All upgrades that use the upgrade wizard are automatically entered into the history. It is also possible to manually add an entry.

The upgrade monitor shows you relevant information about upgrades and installations and therefore is vital for giving you the exact system status. Furthermore, it can be used by Geac staff to get an exact overview of all installations and modifications on your system, and is therefore also relevant in the preparation of new upgrades.

## 652.2 Overview of actions

The system displays all upgrade and installation actions as follows:

No.	Upgrade	Start	End	Description	Status	User
1	2	10/03/2005 20:55	10/03/2005 20:55	Manual Change	Complete	deb
2	2.3.0.5	29/06/2004 18:47		Upgrade to version 2.3.0.5	Incomplete	FRA

## Options on the screen

**New:** Add a new manual change.

**Show details:** This shows the details of the upgrade.

**Email log:** Email the change log.

**Update status:** This can (only) be used for a manual change.

## 652.2.1 Show details

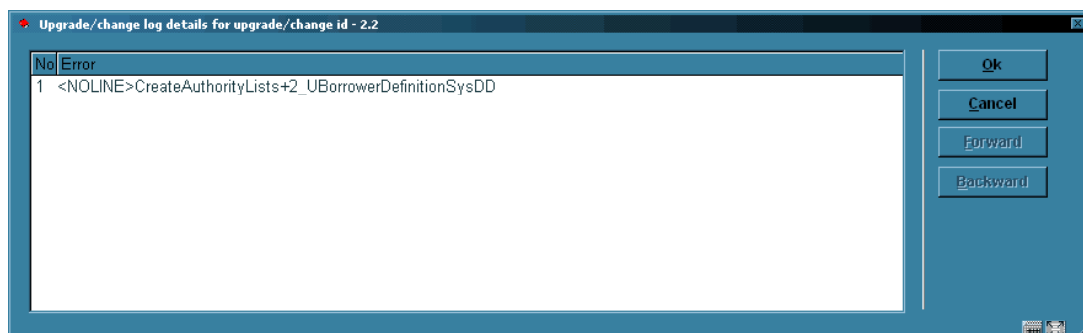
To view the details of an upgrade, select it in the list and then click the Show Details button, or select Show Details from the options menu.

A list of the upgrade phases is displayed. (Each upgrade or installation consists of a variable number of phases.) This will show when the phase started and finished, and if there were any errors during the phase. Any phases that have not been completed will display, but not with start or end times as appropriate.



No	Phase id	Description	Start time	End time	Error
1		Backup Globals	22/09/2003 16:1	22/09/2003 16:1	0
2		Backup Routines	22/09/2003 16:1	22/09/2003 16:1	0
3		Import Routines	22/09/2003 16:1	22/09/2003 16:2	0
4		Delete various globals and global nodes	22/09/2003 16:2	22/09/2003 16:2	0
5		Delete selected format definitions and indexes	22/09/2003 16:2	22/09/2003 16:2	0
6		Check Formats	22/09/2003 16:2	22/09/2003 16:2	0
7		Check Web OPAC URL	22/09/2003 16:2	22/09/2003 16:2	0
1 8		Do Miscellaneous commands	22/09/2003 16:2	22/09/2003 16:2	1
9		Set the version number	22/09/2003 16:2	22/09/2003 16:2	0
10		Check holds data	22/09/2003 16:2	22/09/2003 16:2	0
11		Import Format Definition Files	22/09/2003 16:2	22/09/2003 16:2	0
12		Import Globals	22/09/2003 16:2	22/09/2003 16:2	0

If a phase has errors, then double click that phase in the list, and a list of the errors will appear.



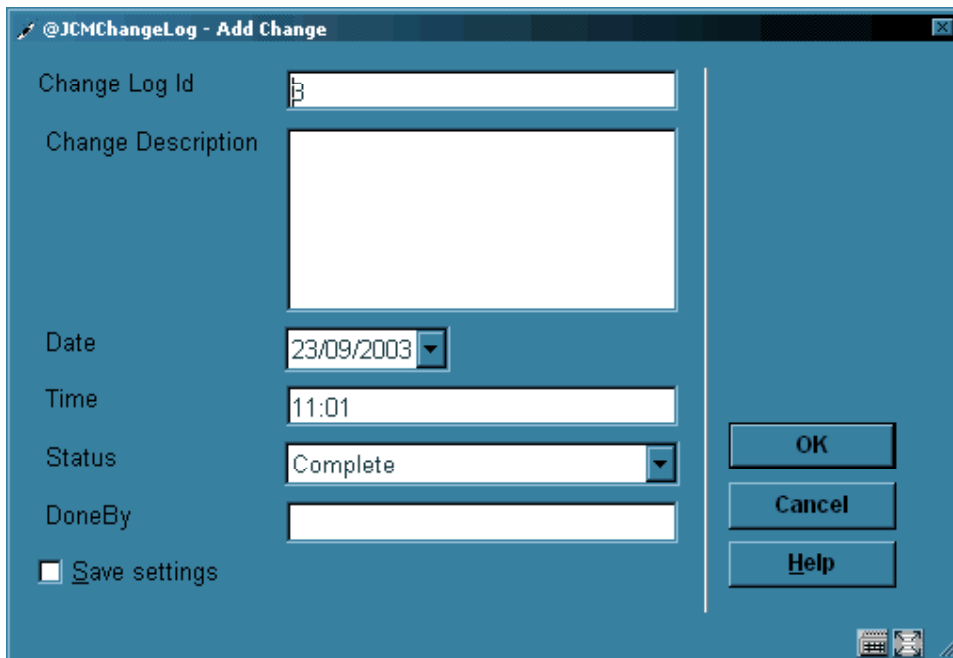
No	Error
1	<NOLINE>CreateAuthorityLists+2_UBorrowerDefinitionSysDD

If the error message does not display fully in the window, then double click the error in the list, and it will appear in a message box.

## 652.2.2 Adding a manual entry [//]

Manual entries may be added to the upgrade log. Manual entries are entries created by Geac to log modifications to your system. By logging this information, the log reflects all relevant changes made to the system. A manual entry always consists of a single phase.

**New:** Add a new manual change. A dialog box will be displayed:



The screenshot shows a dialog box titled "@JCMChangeLog - Add Change". It features a blue background and a white border. The fields are arranged vertically on the left side. The "Change Log Id" field is a text box with a small icon on the left. The "Change Description" field is a large, empty text area. The "Date" field is a dropdown menu with "23/09/2003" selected. The "Time" field is a text box with "11:01" entered. The "Status" field is a dropdown menu with "Complete" selected. The "DoneBy" field is a text box. At the bottom left, there is a checkbox labeled "Save settings". On the right side, there are three buttons: "OK", "Cancel", and "Help".

### Fields on the screen

**Change Log Id:** This is the Upgrade Id that will appear in the upgrade monitor. It will default to the next available line number in the monitor, but can be changed to something more meaningful. Changing the Change Log Id will not affect its position in the upgrade history.

**Change Description:** This description is used for the phase 1 description of the manual change.

**Date:** This will default to the current date.

**Time:** This will default to the current time.

**Status:** Select complete or incomplete.

**DoneBy:** This is an indication of who has done the change. Any description may be added here.

### 652.2.3 Updating a manual entry

A manual change may be updated later by selecting it in the upgrade monitor, and selecting Update Status. This will display the New Change form again, but the Change Log Id, Date, and DoneBy fields cannot be altered.

### 652.2.4 Send log by email

You may send the upgrade log via email. This can be useful when requesting support, as it lists updates applied to the system, and can indicate problems encountered during the upgrades. The upgrade log is sent as a .csv structured attachment to the email.

**Email log:** Email the change log. A dialog box will be displayed:

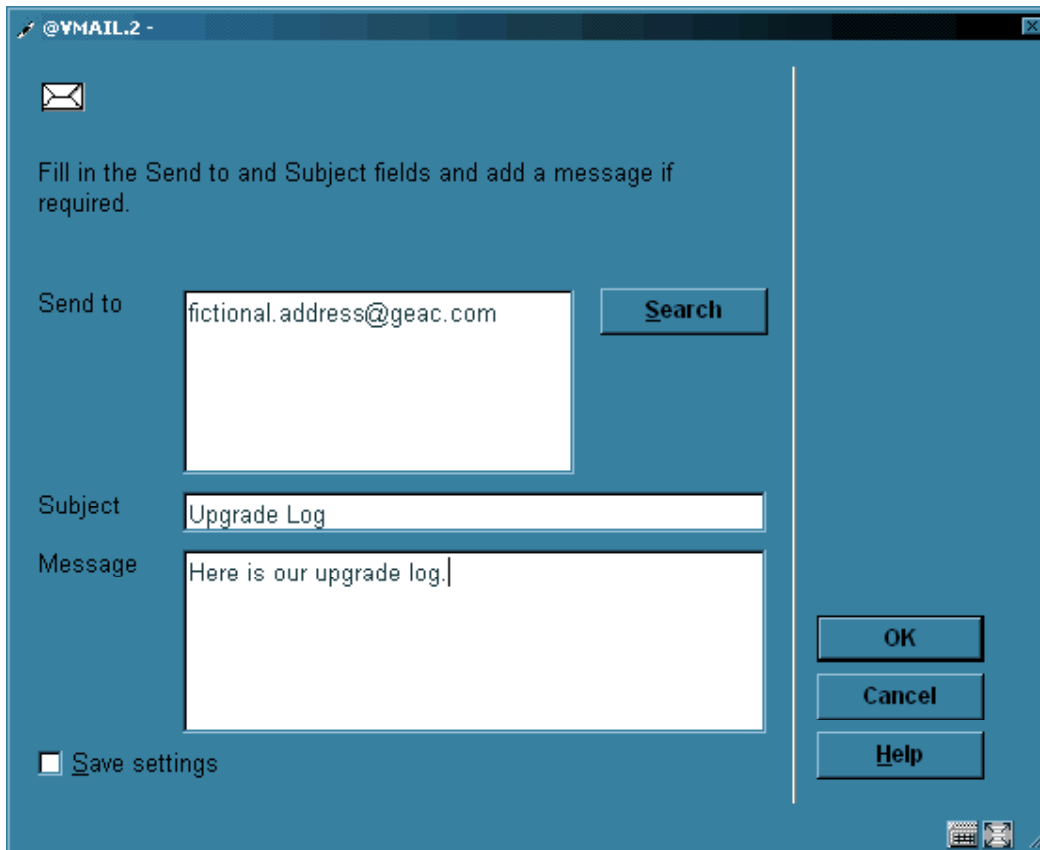


#### Fields on the screen

**Date from:** Only upgrades after this date will be included.

**Email to:** The email address you wish to send the log to.

Click **OK** and you will see:

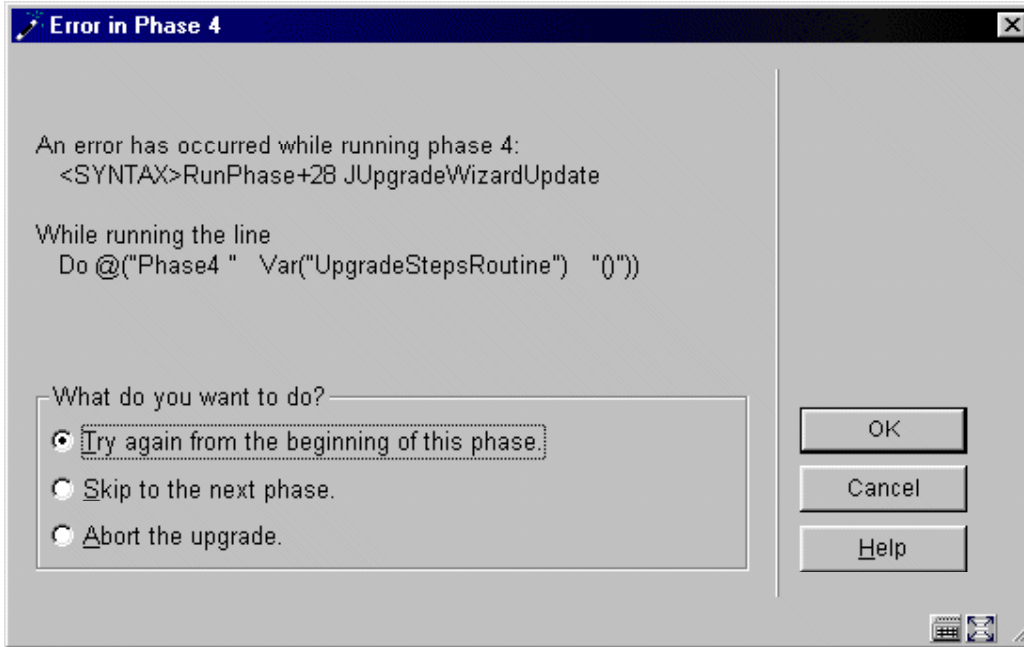


Here you can add a subject and message to your email, and confirm the email address. Click **OK** to send.

[Depending on local email settings and status, you may receive a message from your email client stating that a program is trying to send email. Click **Yes** to allow the email to be sent.]

## 652.2.5 Error Handling in the Upgrade Wizard [//]

If you are running an upgrade through the upgrade wizard and it encounters an error, it previously would log the error, display a message box, and abort the upgrade procedure. The upgrade wizard will display an error message that gives you several options:



The options available will depend upon exactly where in the upgrade the error has occurred, but they all fall into the following categories:

Retry	Retry the line/phase or attempt to load the file that caused the error again
Skip	Skip to the following line / phase, or do not attempt to load the file
Abort	Cancel the upgrade

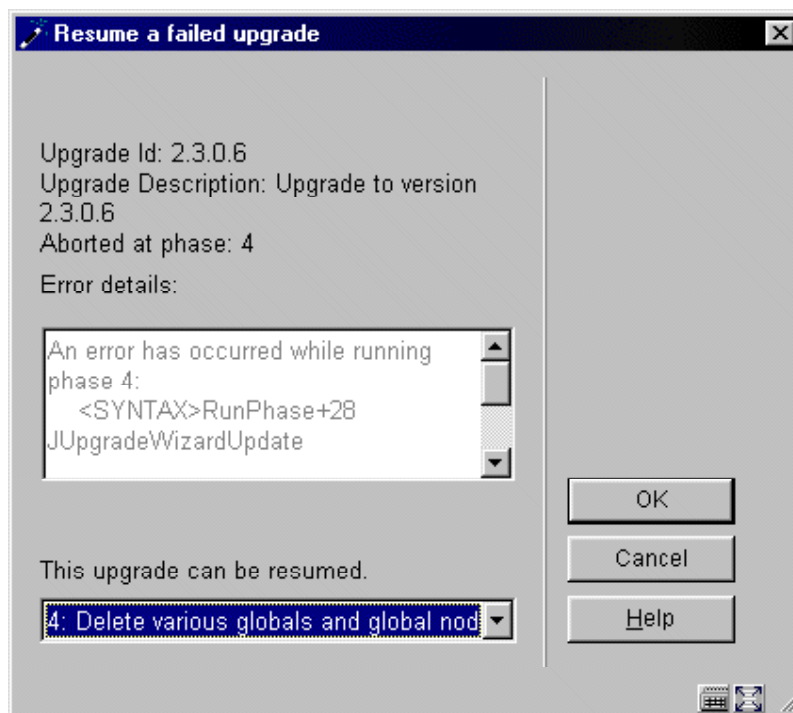
These options will not be available in all cases - for example it may not be possible to continue the upgrade if you skip loading the new software code, so this will not be allowed.

## 652.2.6 Resume Upgrade

If you have chosen to abort the upgrade, you may now have the option of resuming from where the upgrade failed. To do this, you select the 'Resume Failed Upgrade' option from AFO 652. If the following conditions are met, you will be able to resume the upgrade if the following applies:

- It must be the last upgrade attempted. If you have run another upgrade since the upgrade you wish to resume, then it will not be possible.
- Resume must be allowed from that point in the upgrade. It is possible that there is a point in the upgrade where, if things go wrong, a resume could cause all kinds of problems and the system could be left in a delicate state. In this case, get in touch with Geac for assistance.
- The upgrade must have reached the beginning of the first phase. The 'phases' are where the real work of the upgrade begins. Prior to this is primarily information gathering and loading any updates required by the wizard itself. The first phase will usually start after the 'summary' screen that shows which options you have selected.

If resume is permitted, you will be able to select which phase to resume from. This again is dependent upon where the upgrade was aborted. Generally you will have the option of resuming at the phase where the error occurred, or skipping that phase and starting at the next one.



Simply select the phase you want, click **OK**, and the upgrade will continue.

- **Document control - Change History**

<b>Version</b>	<b>Date</b>	<b>Change description</b>	<b>Author</b>
<b>1.0</b>	<b>unknown</b>	<b>Creation</b>  <b>Delivered as part of build 17 set</b>	