


# Upgrade Guide

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This topic describes how to update an instance of Agiloft to a newer version. To identify the versions of the application being upgraded, see [Release Version Numbering](#).

 If you are running a version of Agiloft with a release date prior to 2017\_01, you must upgrade to the 2017\_01 release before installing a later version.

1. Download the 2017\_01 installer package from [https://www.agiloft.com/ewdownload/archive/2017\\_01/](https://www.agiloft.com/ewdownload/archive/2017_01/) and upgrade your system to 2017\_01.
2. After the successful upgrade, upgrade to the current version of Agiloft, releases 2017\_02 and later.

In general, the update process has the following steps:

1. Backup everything that should be backed up. This may include KBs, software code, database files, etc, depending on what is to be updated. See [Set Up Knowledgebase Backups](#).
2. Obtain new licenses for the new release, if it is a major upgrade with a new main version number. See [Licensing](#).
3. Run the Setup Assistant to replace installed software and/or data that should be updated. See [Setup Assistant](#).
4. Roll back to pre-update state if something goes wrong. See [Rolling Back](#).

There are three ways to run the update process:

- [Online Update](#)
- [Manual Update](#)
- [Command Line Utility EWUpdate](#)

# Online Update

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The online update option is the simplest method.

1. Run the [Setup Assistant](#) in your installation directory and select Software Update from the main menu, then click Check for updates online.

**Agiloft Software Update**  
Software update helps you keep your copy of Agiloft up to date.

**Please select how you wish to update the product:**

**Check for updates online**  
This is ideal if you have a medium or high-speed Internet connection. The Setup Wizard will check the Agiloft website and download any updates available there.

**Manual update**  
You can also download new Agiloft versions manually. If so, just run installer to perform the update.

2. Setup will automatically check to see if a new version of Agiloft is available, and if so, will download it and start the update.

Checking for available updates at [www.agiloft.com](http://www.agiloft.com)  
Downloading: 1% complete

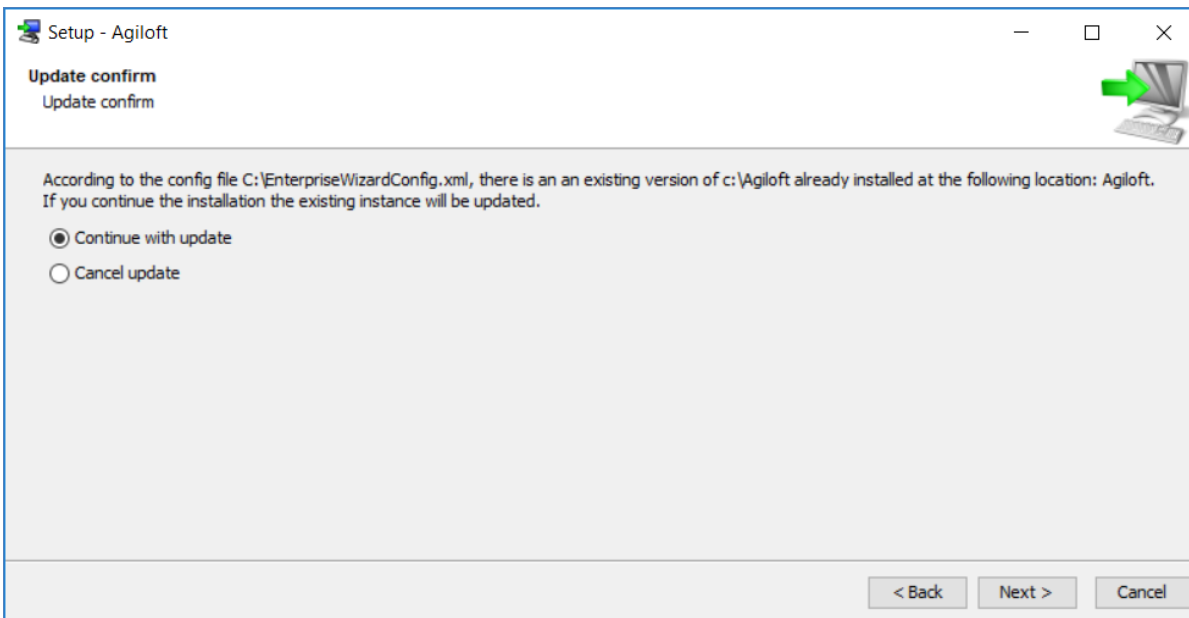
3. The user can monitor and set update options using the web interface.

# Manual Update

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If an earlier release of Agiloft is already installed, you can update the software by simply downloading and installing the latest version. The latest official release of Agiloft can be found at <https://www.agiloft.com/ewdownload>.

Run the downloaded installer. The installer will detect an existing Agiloft instance and prompt the user about a possible update.



Confirm the selection in the [Update Options](#) screen, and the installer will walk you through the upgrade.

## Update options

Update options allow the user to set certain update process details. When performing an update in web GUI mode, you can change the default options on the update options page, shown below:

## Update options

Please do not de-select 'Backup database data using OS-level backup' when selecting the option 'Skip project backup if possible' on a production system, unless you have already backed everything up. This combination tells the updater to skip all backup procedures. While this performs very fast upgrades on test/development systems, there is no safety to keep you from losing customer data on production machines.

- Backup installation using OS-level backup
- Skip checkers unless any patchers were run
- Skip checkers even if patchers were run (do not use on production servers)
- Skip project backup if possible
- Delete backup files after update. Note: Selecting this checkbox will save the space taken by the OS level backup, but disable the rollback option.
- Don't backup temporary files (logs etc)
- Maintain all edits made to parameters in the MySQL configuration file, ew.cnf
- Upgrade even if the build number is the same
- Force an upgrade even if the build may not be compatible (-not- recommended)

The update options here are explained in more detail in [Command line options](#). You should exercise caution with these commands if you are not certain of their operation, particularly if you are working on a live system.

# Command Line Utility Ewupdate

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The ewupdate command line utility performs an update with all default options if run without any arguments. Use the `-help` option to print a short help screen. If you wish to use the command line updater with non-default options, use the command line arguments listed below.

## Command line options

These options are also available using the ewupdate utility. Default options can be changed using the command-line options listed, which correspond to the options presented in web GUI mode. The list below consists of the most commonly and recommended options.

Update option	Corresponding ewupdate command-line option	Description
Backup database data using OS-level backup	<code>-k,--skiposlevel</code>	This command only applies if the built-in MySQL server is used. Under normal circumstances a full OS-level backup is made. Use this option to skip the default OS-level backup of the MySQL directory. No database restoration will be possible if the upgrade fails.
Skip checkers unless any patchers were run	<code>-p,--scup</code>	When the application server starts it performs data checks for consistency; data checking may take a long time. Use this option to skip data checking if no data was changed on update. This may speed the application server starting.
Skip project backup if possible	<code>-K,--skipprjbckp</code>	At the very beginning of the update process all existing projects are saved to the backup directory. If this option is set then no project backup is performed, if allowed. Project backup is required in some update modes.
Don't delete temporary files after update	<code>-t,--keeptemp</code>	Upon update, temporary files are normally stored on the hard drive. These may include data backups, unpacked new code, etc. By default, temporary files are removed after an update. If this option is set then temporary files are left on the device and will only be deleted before the next update.

Don't backup temporary files - logs etc	-i,--backuptemp	If this option is set then no temporary files such as log files are backed up before the update. This saves used disk space and shortens elapsed time.
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For additional update options, use the `-help` command to print a list of commands.

Example: `ewupdate --stable`

<code>-s,--stable</code>	Download stable release version (Official Release)
<code>-l,--latest</code>	Download latest release version (Beta)
<code>-d,--devel</code>	Download development version (Alpha)
<code>-C,--custom &lt;host&gt;</code>	Download from custom server
<code>-F,--file &lt;file&gt;</code>	Upgrade from a distribution that has already been downloaded to the local hard drive
<code>-f,--force</code>	Unattended update, all prompts are answered 'yes'
<code>-c,--caution</code>	Unattended update, all prompts are answered 'no'
<code>-k,--skiposlevel</code>	Skip OS level backup (avoid using this when skipping project backup)
<code>-K,--skipprjbackp</code>	Skip project backups (avoid using this when skipping OS level backup)
<code>-t,--keeptemp</code>	Keep temp files
<code>-p,--scup</code>	Skip checkers unless patchers were run
<code>-i,--backuptemp</code>	Backup temporary files such as logs (when unattended mode)
<code>-r,--requiredspace &lt;Gb&gt;</code>	Disk space (Gb) required for update (use with care)
<code>-w,--warn &lt;MMM or MMM:NNN&gt;</code>	Displays a warning message to customers about an impending update. Argument syntax is MMM or MMM:NNN, where MMM is the number of minutes before update and NNN is the estimated update duration in minutes
<code>-A,--allowsameversion</code>	Do update even if new version is same as old one
<code>-X,--forceincompat</code>	Forces an upgrade between releases that should not be compatible. Do not use this option.
<code>-v,--verbose</code>	Print error details
<code>-h,--help</code>	Prints this help

# Rolling Back

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If the upgrade fails due to any problem, the setup will halt with an error message, and roll back to its former state. It should retain all your settings. The error will provide you with the installer logs, which you can use to trace the cause of the upgrade failure to resolve it before trying the upgrade again.