Release Notes – ScriptBase 4.14

Version 4.12 was a substantial upgrade which includes an entirely new option for installing and running ScriptBase, along with other important improvements and bug fixes. This document covers 4.12 onwards – so more minor fixes since 4.12 are also described.

Until now, the user running ScriptBase needed full 'read and write' permissions to the folder holding the ScriptBase database. The program (sbase.exe) accessed that folder directly and in a network situation the files were opened by several copies of ScriptBase at the same time. This approach is still available and is now described as 'Standard mode'. The Standard mode is likely to be the best option for most of the smaller installations of ScriptBase installations, such as within a single team or GP surgery.

For larger teams or where the database is best held on a remote server, the new 'Client Server mode' might be better. Please see the separate document, '**Technical Notes – ScriptBase Client-Server**' for more information.

To see the full changelog / roadmap please see http://bugs.scriptbase.co.uk

Changelog for 4.14 – 13 August 2018
- Upgraded the database engine which should improve performance
- Upgraded the memory manager which should improve performance
- Data server installer provides menus to install, start and stop the service
- Data server stores logs in application data folder, avoiding permission problems

Changelog for 4.13 – 03 May 2018
- Improved handling of ini files, including default values and error handling
- Installer runs ScriptBase at the end, so first run is with admin permissions
- Improved wording on the 'purchase' screen.
- Fixed bug if user tries to extend trial period twice.
- Improved handling of encryption settings for Client Server mode.
- Prevent deletion of database in Client Server mode
- Fix to allow client and server to share same IP address
- Allow two copies of ScriptBase to run at the same time – using different server

Changelog for 4.12 – 09 February 2018
- The Client-Server mode is by far the largest change.
- Over 40 new 'sanity checks' to ensure integrity of data when editing or printing prescriptions.
- Improved editing of doses, you can double click the dose to change the dose without ScriptBase checking / correcting for a configurable period; See Options | Setting | All | Misc to configure this value – default 1500 ms – ie. 1.5 seconds.
- Changed the way that settings are stored for 'This Computer' under Options | Settings. This should reduce the likelihood of settings being lost and will allow printer settings to work properly under remote desktop solutions such as Citrix.
- New setting to disable and hide the NDTMS / Tops modules if not used.
- New ability to run sbase.exe with /REPAIRSILENT switch, to run the repair tables utility without loading the application interface. This can use used to set up a scheduled task to make sure that repair tables is run regularly.
- New setting to change the 'buffers' used by the database. This increases memory usage but greatly improves performance over a network. The default value has been set to what we believe is optimal in most circumstances.

- Increased the amount of memory that the application can use, if available, which will improve performance.
- Upgraded most of the third party components and libraries used within the application. This has improved stability and speed.
- Upgraded bug reporting mechanism which no longer relies on email to send in reports.
- New optional setting to localsettings.ini – LogPath which is location of error log. This is mostly useful when using Client-Server mode because the database folder is no longer directly visible to the client. Improved error log viewer.
- New security feature to make sure Windows does not keep confidential data in memory after ScriptBase exits.
- New warning in client list if you change name or dob – in case it is an accident.
- New logging of errors, warnings and info events to the Windows Events log.
- Automatic restart after repair tables and database errors.
- Updated default Holiday, Drugs and Instructions for new installations.
- Fixed several compatibility issues with Windows 10.
- Fixed interface to show dispense form if the drug is to be dispensed in dose units.
- Fixed an intermittent 'floating point' error when editing doses.
- Fixed occasional crash when previewing prescriptions.
- Fixed minor bug on client form – which was briefly showing the wrong client name when you created a new record.
- Fixed occasional errors when opening and saving records in client list.

Notes for IT / Person responsible for installations

Upgrading from 4.x

The way that settings for a particular workstation has been changed and it will be necessary to re-enter these under Options | Settings | This computer". Make a note of important settings (such as printer margins) *before* upgrading and then re-enter.

Unless you wish to move to Client Server mode, you can install the new version of ScriptBase over the top of an earlier 4.x as usual. You will get many other benefits from the upgrade (described in the changelog above) and can ignore the Client Server option.

The upgrade from any version of ScriptBase 4 should be quick and painless but has only been tested from 4.06 onwards. Make sure you take a full backup before you begin, and then simply install the new version of the program (sbase.exe and help files) over the old. The first time you run this it will upgrade the database. This might take a while if you have a great deal of historic data, though it will show progress. If you are on a network, take care that all copies of sbase.exe are updated.

To summarise the steps:

1) Ensure you have a good backup – preferably more than one.
2) On all workstations that are used to print, run ScriptBase and make a note of all important 'This computer' settings such as printer margins.
3) Make sure nobody is running ScriptBase.
4) Replace the sbase.exe with the new version and run. This will automatically migrate the database which may take several minutes if you have a lot of data.
5) You will be asked to register the upgrade, which is free though involves a brief visit to the website.
6) Make sure you replace all copies of the sbase.exe with the new version. When these are run they will recognise the database as being up to date and no further steps will be required.
7) Check / update the 'This Computer' settings on workstations where you noted these in step 2).
8) Verify users can login using the new version and take a fresh backup. Check under 'Help | About' menu that you are now running version 4.12.

Upgrading to Client-Server
This uses the same 4.12 version of ScriptBase, though requires further configuration, probably by your IT team and is covered in the document 'Technical Notes – ScriptBase Client-Server'

Upgrading from version 3

The upgrade process from ScriptBase 3 to 4 is not as straight forward as subsequent upgrades of ScriptBase 4. There is a separate document on the website describing how to manage the upgrade process. It is vital that you read that document if you are going to upgrade from version 3. Free telephone support is available to assist in the upgrade process.

Notes for users– ScriptBase 4.12 / 4.13

(Please provide a copy of this page to all end users of ScriptBase)

This is a significant upgrade to ScriptBase, though *most* of the changes focus on stability, speed and options for keeping your data safe. Most issues are mostly relevant to your IT people, though a couple of things that you need to know.

After the upgrade, it is recommended that you start with printing one or two scripts to check everything is in order and the printer settings are still correct. It is possible the margins will need re-adjustment.

Editing Doses

As you will know, editing doses on ScriptBase could sometimes be fiddly. This was because of the way that ScriptBase automatically checked prescriptions are valid in real time as you make changes. Occasionally this gets in the way of you doing what you want.

The new version provides a simple work around. If you want to manually edit a dose (rather than using the up-down arrows on the editor) you can click on the editor and change the dose *quickly,* without ScriptBase getting in the way. 1.5 seconds later, ScriptBase will validate the results.

In 4.12 you had to *double* click to get this behaviour, after user feedback we changed this to *single* click. The single click behaviour is in build 11 of 4.13, released 08 April 2018.

You can configure the length of the pause in Options | Settings | All Computers | Misc Settings.

NDTMS / Tops module

If you do not use the NDTMS / Tops modules, you can now hide these. There is a setting in Options | Settings | All Computers | NDTMS

There are many other changes to make the program faster and more stable – ask to see the changelog if you are interested.