Installing and running the Local Test Service on Windows

Contents

1. Prerequisites
2. Download and Install
3. Running the LTS
4. Appendix A – Running multiple versions of the LTS
5. Appendix B – LTS Update Manager through a proxy

1. Prerequisites

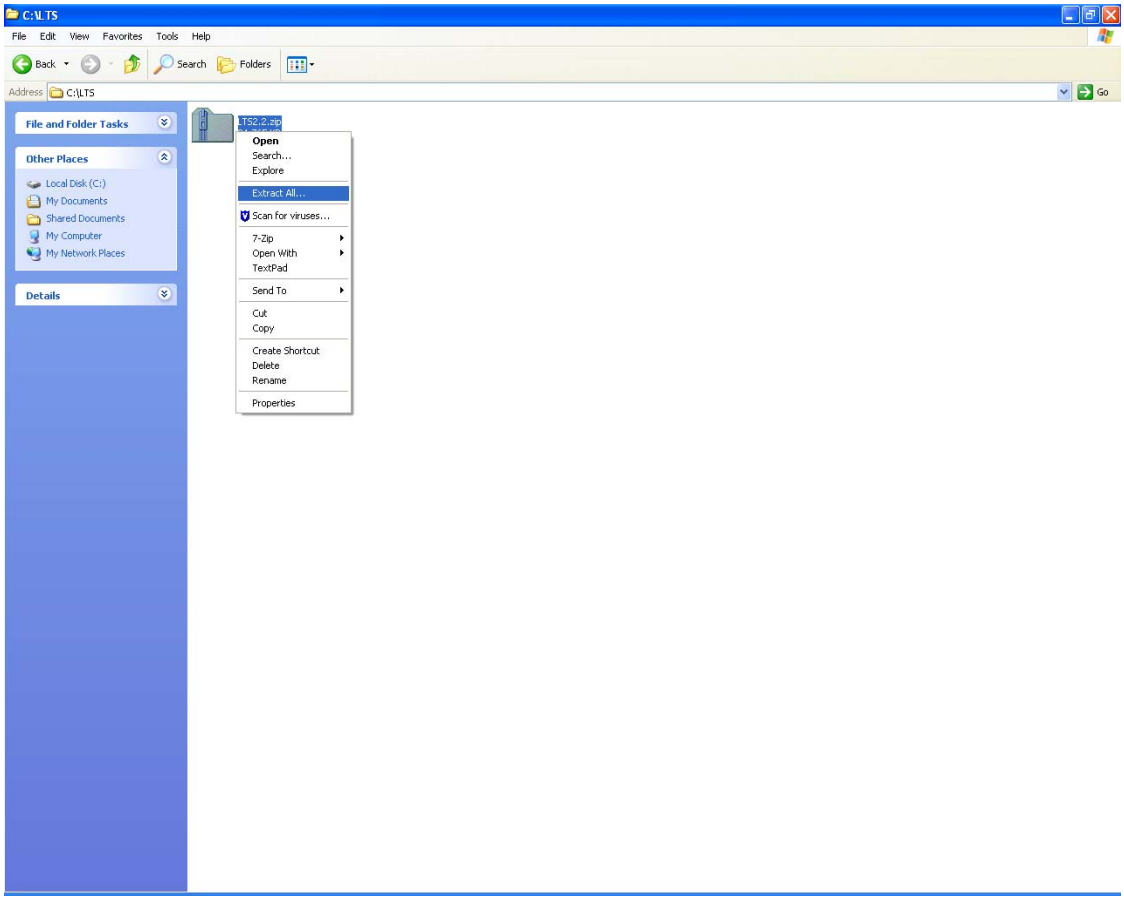
JAVA version 1.5 or later must be installed (http://java.sun.com/javase/downloads/index_jdk5.jsp.); this guide does not cover the installation of JAVA.

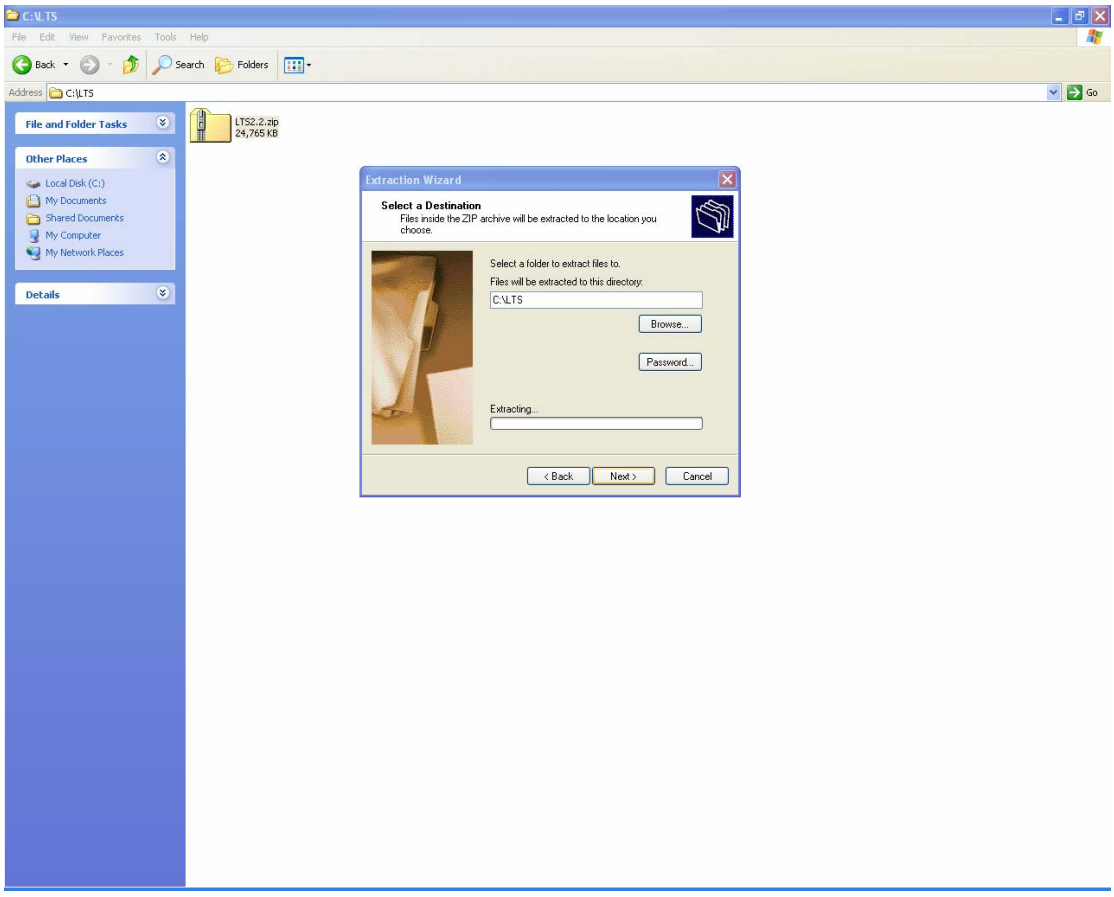
2. Download and Install

Go to http://www.hmrc.gov.uk/ebu/lts-techpack.htm

This page contains the latest releases of the LTS. Click the link containing the latest version and save to an appropriate location (somewhere on your local hard drive with a short easy to remember file path is recommended).

Once downloaded locate the file, right click it and choose option “Extract All…” (NB: If you have Winzip installed then the Extract all option may not show up, you will have an option to “Extract to…” instead.

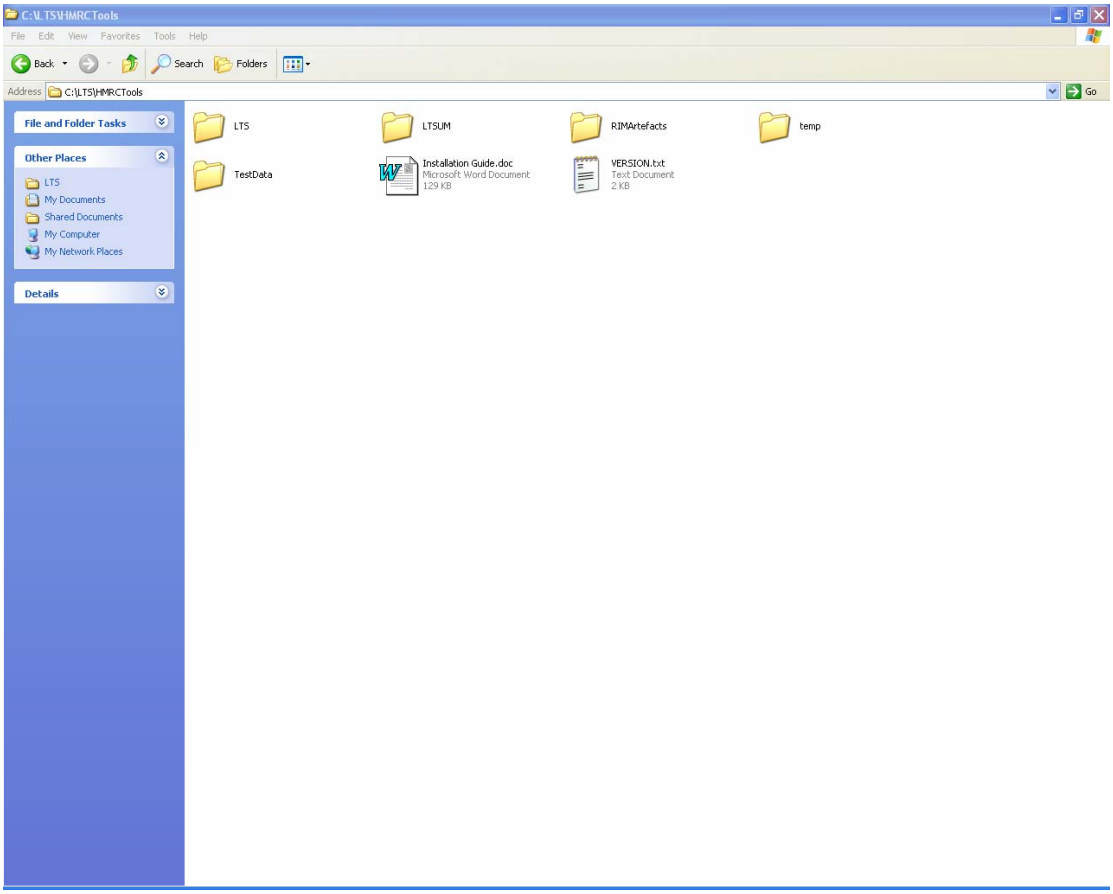

C:\LTS
File Edit View Favorites Tools Help
Back Search Folders
Address C:\LTS
Go
File and Folder Tasks
Other Places
Local Disk (C:)
My Documents
Shared Documents
My Computer
My Network Places
Details
LTS2.2.zip
Open
Search...
Explore
Extract All...
Scan for viruses...
7-Zip
Open With
TextPad
Send To
Cut
Copy
Create Shortcut
Delete
Rename
Properties


C:\LTS
File Edit View Favorites Tools Help
Back Search Folders
Address C:\LTS
Go
File and Folder Tasks
Other Places
Local Disk (C:)
My Documents
Shared Documents
My Computer
My Network Places
Details
LTS2.2.zip
24,765 KB
Extraction Wizard
Select a Destination
Files inside the ZIP archive will be extracted to the location you choose.
Select a folder to extract files to.
Files will be extracted to this directory:
C:\LTS
Browse...
Password...
Extracting...
< Back
Next >
Cancel

Check the file path (in most cases the default should be fine) and if you are happy with it click “Next”. Once the files have been extracted click “finish”.

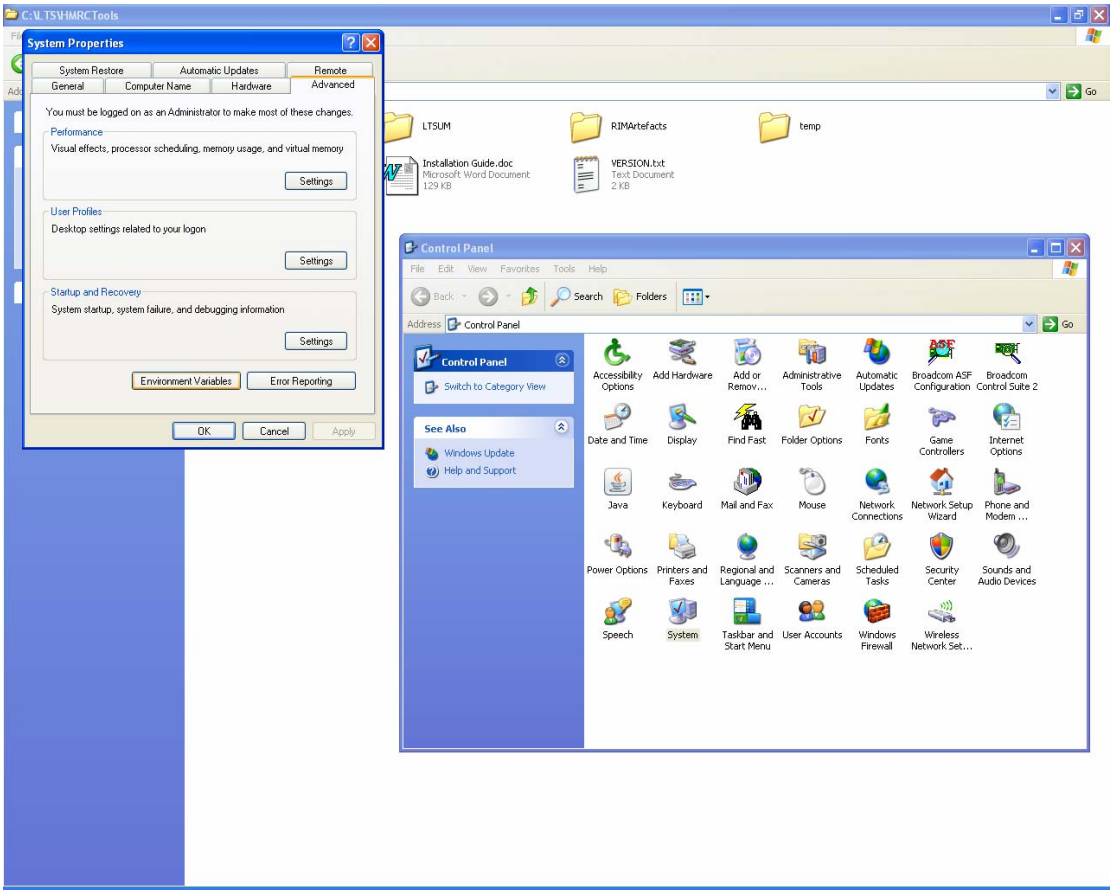
The LTS, LTS update manager and all the other files needed to run the LTS will now be in a folder called HMRCTools.

The batch file that starts the LTS is in HMRCTools\LTS\
The batch file that starts the LTS Update Manager is in HMRCTools\LTSUM\



There is one more step needed before the LTS can be used. You need to create an environment variable called “LTS_HOME” that is the full path to the LTS batch file.

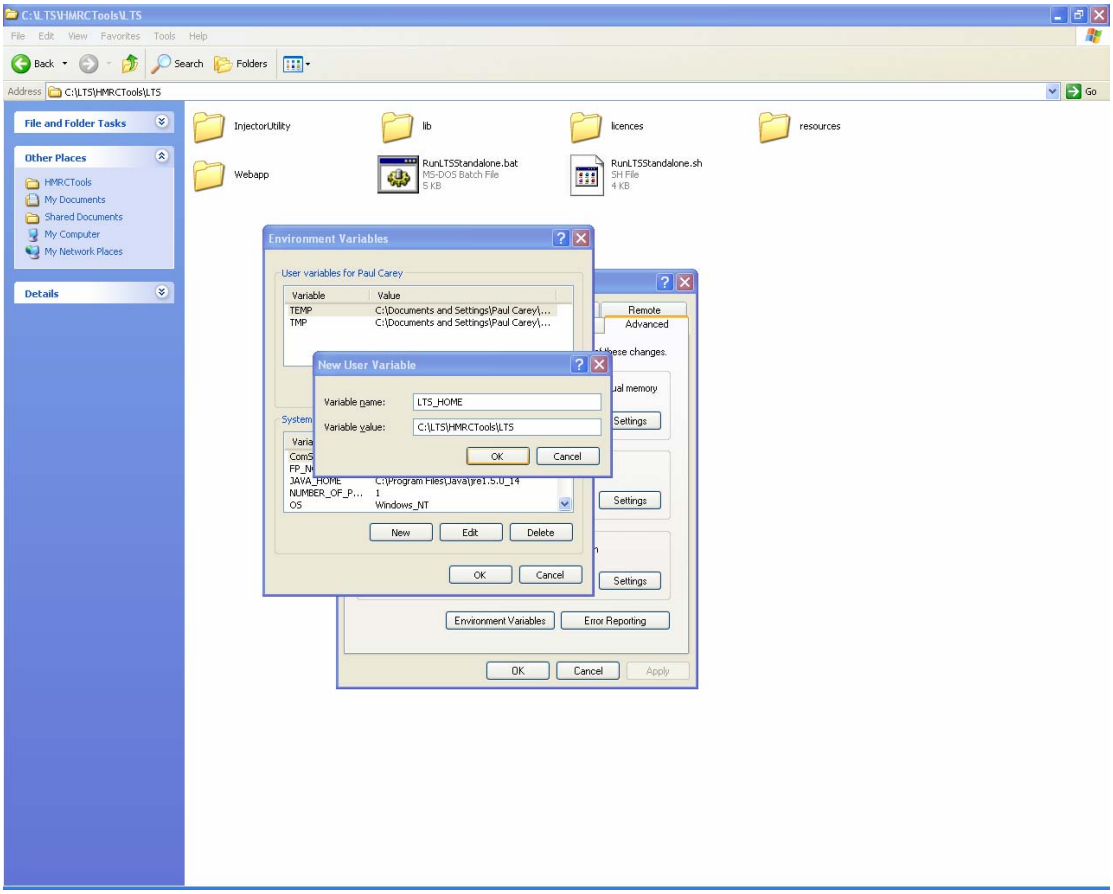
To do this go to Start > Control Panel > System. Click on the “Advanced” tab and click the “Environment Variables” button at the bottom of the window.



Under the “User Variables for…” heading click the “New” button and add the following:

Variable Name: **LTS_HOME**
Variable Value: *The path to the LTS batch file, which in this example would be* **C:\LTS\HMRCTools\LTS**

Click “Ok”.

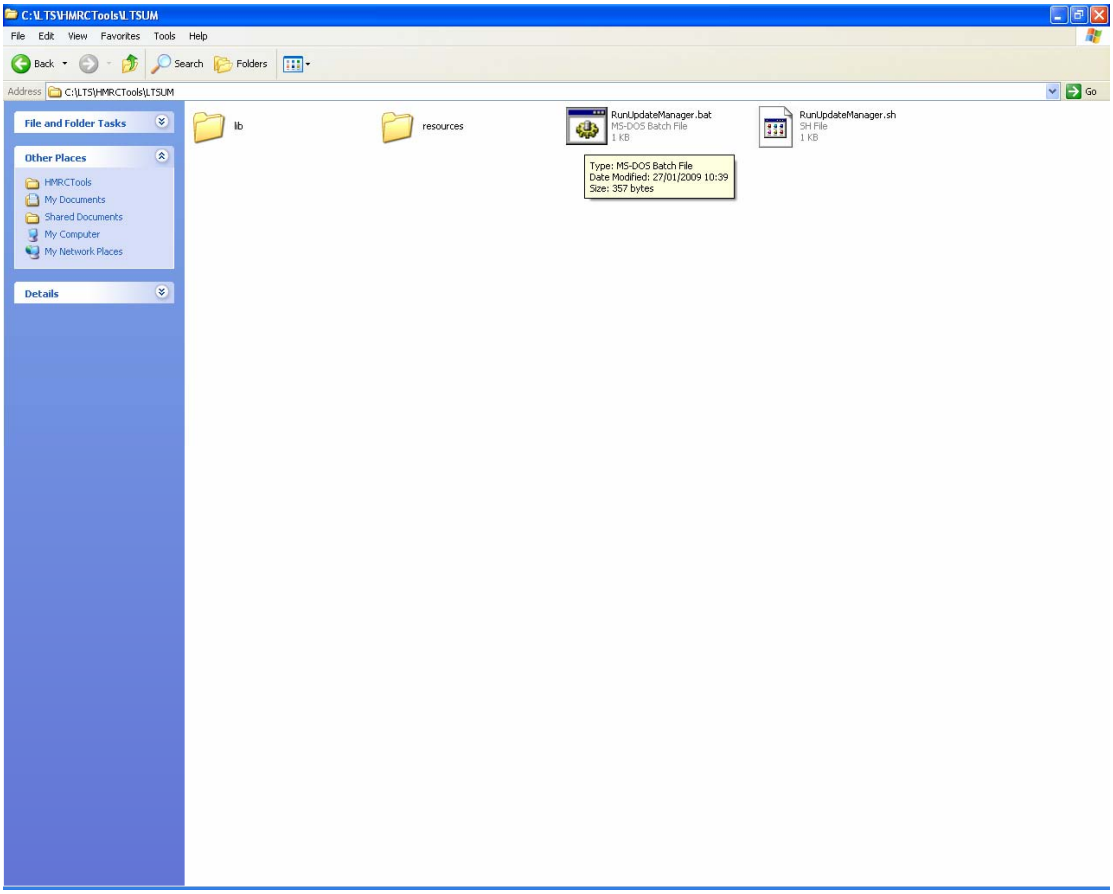


The LTS is now installed.

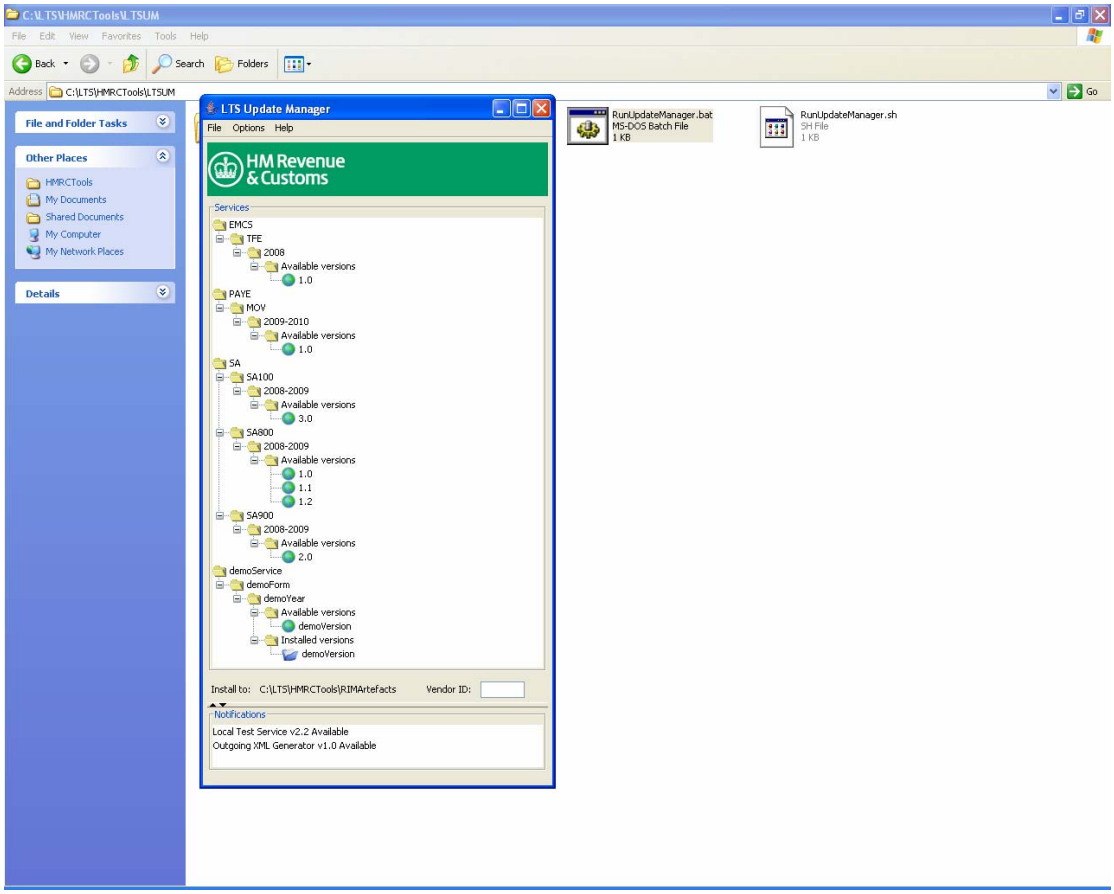
3. Running the LTS

The LTS is a shell, without any artefacts installed it is not very useful, so before running the LTS itself you should run the LTS update manager which you will use to download the artefacts that relate to the services you wish to test.

Go to the directory you installed LTS in. Located in HMRCTools\LTSUM\ is the batch file that runs the LTS update manager.



Double click the batch file to run the update manager. You should see something like this:

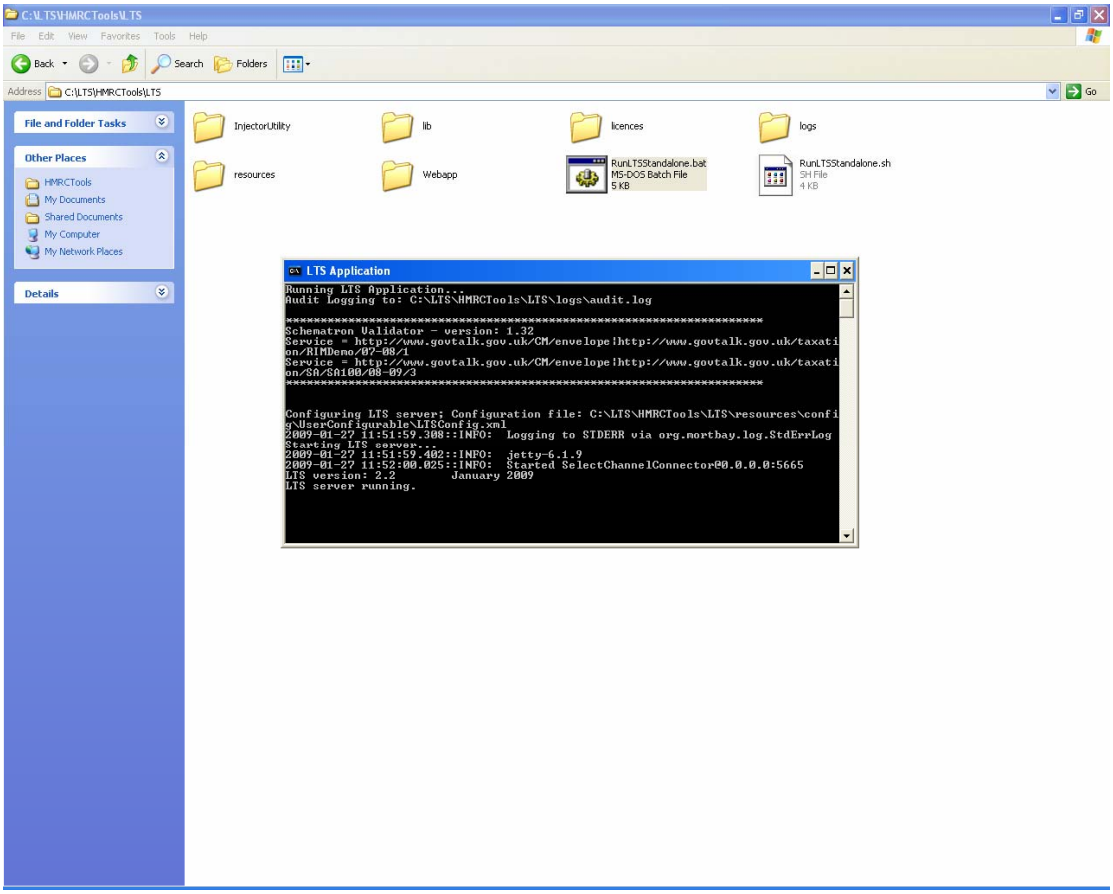


If you get an error message telling you that the artefact list cannot be retrieved check your Internet connection, if you are connecting through a proxy see Appendix B. Once it has opened, locate the service you wish to test and double click the version of the artefacts you wish to download. The update manager will ask you to provide your four-digit vendor ID if you have not already done so.

The manager will inform you as to where it is about to install the artefacts, make sure this is the location where you installed the LTS and click “Yes”. Ignore the message telling you to restart the LTS and click “OK”. Close the update manager.

Now you have something to test it is time to run the LTS. Go to the folder where the LTS batch file is located (in this example C:\LTS\HMRCTools\LTS).

Double click the batch file and you should see something like this:



The LTS service is now running. The command window must be left running while you are testing to the LTS.

There are two ways of testing to the LTS. Using a browser and using an application that supports HTTP requests/responses.

To test using a browser, use the following URL:

http://localhost:5665/LTS/

To test using an existing application use:

http://localhost:5665/LTS/LTSPostServlet

4. Appendix A – Running multiple versions of the LTS

It is possible to have multiple versions of the LTS running on one PC. All that is needed is a small change to the batch files that run the LTS and LTS update manager.

The files that need modifying are:

RunLTSStandalone.bat
RunUpdateManager.bat

Right click the file and select edit. The first line in the batch file will be: @ECHO off, underneath this on a new line you need to add:
SET LTS_HOME= C:\LTS\HMRCTools\LTS (or whatever the file path to the RunLTSStandalone.bat is).

The start of the modified file should now look like this:

@ECHO off
SET LTS_HOME=C:\LTS\HMRCTools\LTS
title=LTS Application

ECHO Running LTS Application...

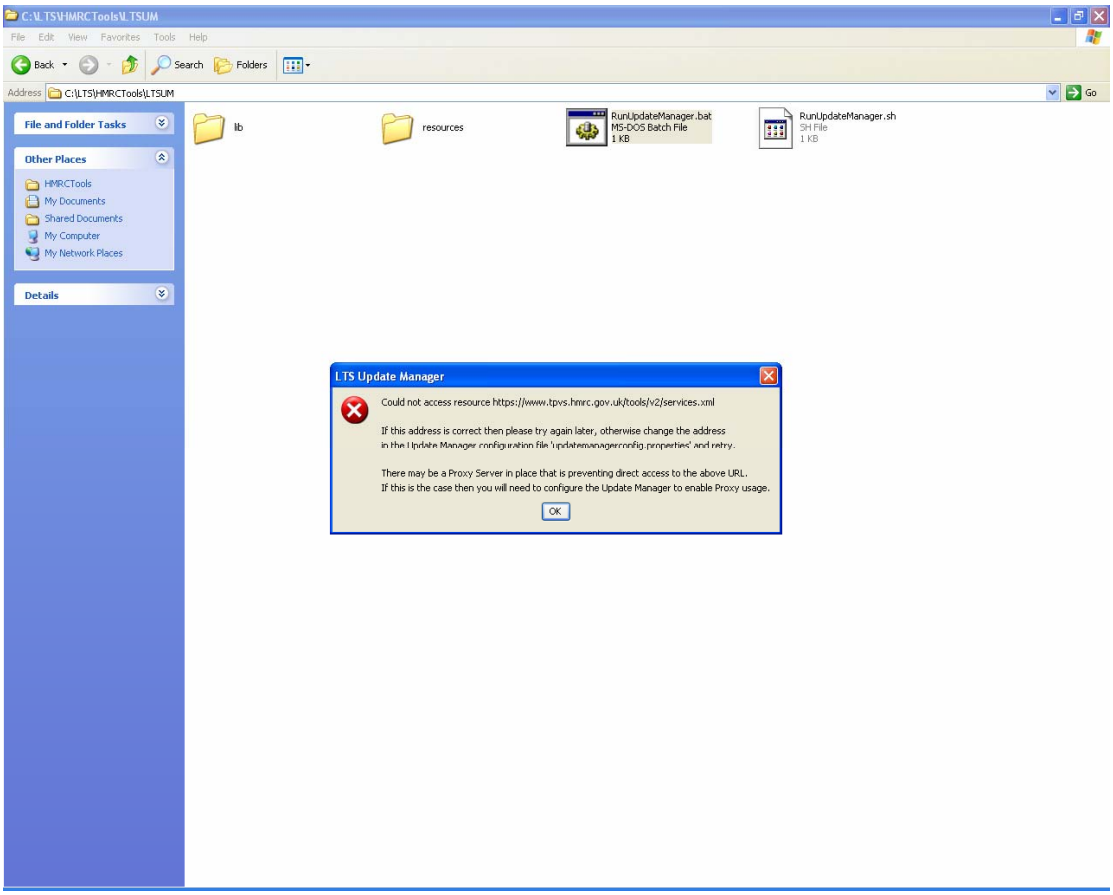
This then needs to be repeated for the RunUpdateManager.bat, still using the path to the LTS batch file (so C:\LTS\HMRCTools\LTS in this example).

Repeat this whole process for each LTS version you have downloaded (Remember to have the different versions in different directories!)

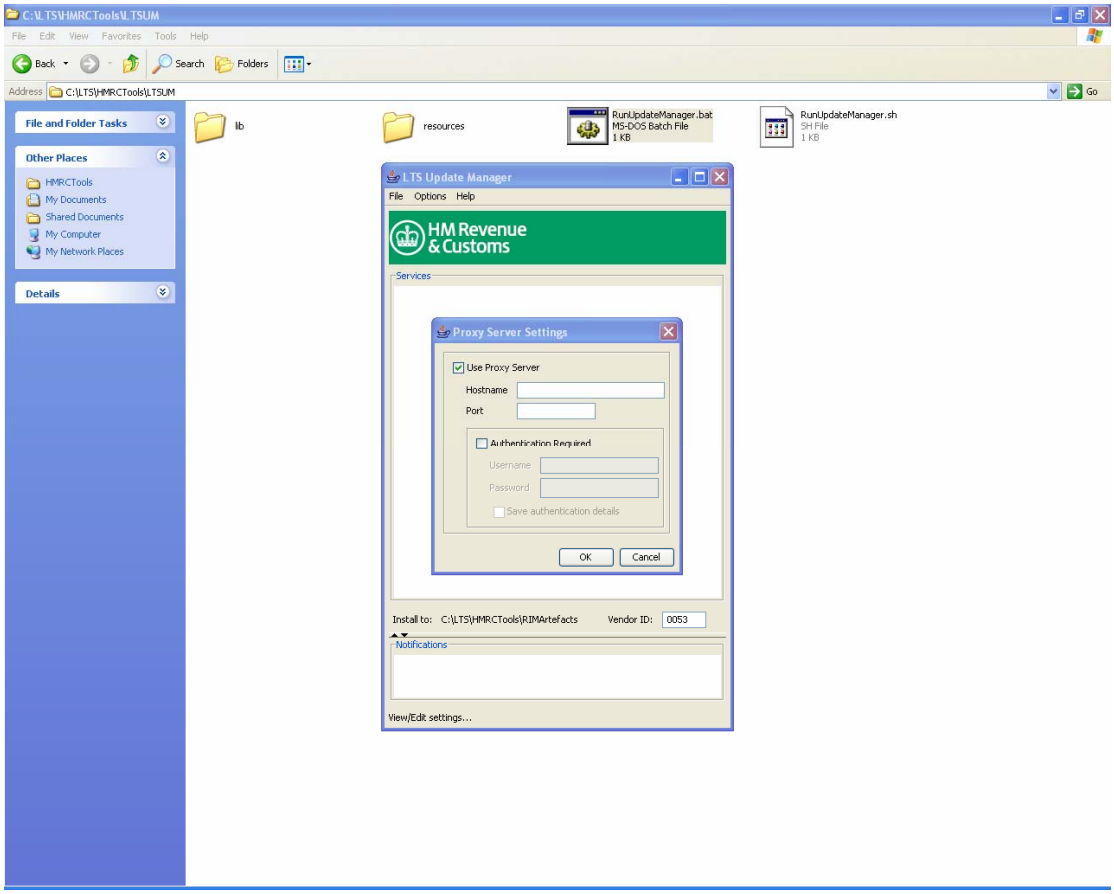
It is important to remember to delete the environment variable you created in the installation part of this guide if you intend to run multiple versions of this LTS like this.

5. Appendix B – LTS Update Manager through a proxy

You may see this message when starting the LTS update manager:



This maybe because your Internet connection is through a proxy.

If it is you will need to find out the name of the server and the port number. Once you have these, click “ok” and the update manager will start but show an empty window.

Go to Options>Settings and check the “Use Proxy Server” box. Add your details and click “ok”. The update manager will reload and attempt to find the connection.