

## Creating self-installing modules with e-Sword ToolTip Tool.

Starting in version 3.24, e-Sword ToolTip Tool (aka T3) has a new option to create an installer file for the module you are creating. This works in conjunction with Inno Setup, which is a “free” program for generating Installer files for Windows. Inno Setup can be downloaded here: <http://www.jrsoftware.org/isinfo.php>.

I suggest downloading the QuickStart Pack, found here: <http://www.jrsoftware.org/download.php/ispack.exe>

See the first website above for more information on Inno Setup.

What e-Sword ToolTip Tool does, is create a simple Inno Setup script file (.iss) and then uses the command line version of Inno Setup, to create the Install EXE file. T3 currently creates 8 types of e-Sword modules. TOPX NOTX LSTX CMTX BBLX DCTX DEVX HARX. In a standard e-Sword setup, these modules need to go to specific locations/folders. TOPX NOTX and LSTX modules go into the c:\users\[username]\documents\e-Sword directory, where [username] is the currently logged in user name. CMTX, BBLX, DCTX, DEVX and HARX files go into the c:\program files [(x86)]\e-Sword folder. The [(x86)] option is for 64-bit Windows systems. The generated installer file will automatically put the module into the correct folder.

To use this new feature, Inno Setup must be installed on your system. Then in your module source file, usually a Rich Text file (RTF), you need to add at least 2 #define directives to the top of the file. There are 5 possible directives, but 3 are optional.

Let's assume I'm making a module, whose title is “Steps to Christ”. I am making an e-Sword Topic File, TOPX. The installer file name I want to be “Steps to Christ - TOPX.exe”. I put the module type into the name so I can easily remember that this installer is a Topic File. I would add the following to my source file.

The **required** directives are:

```
#define IssExeName=Steps to Christ - TOPX
#define IssModuleType=TOPX
```

The **optional** directives are:

```
#define IssModuleName=Steps to Christ2
#define IssLabel1=Steps to Christ - TOPX Setup
#define IssLabel2=For more e-Sword modules, visit:%nhttp://www.biblesupport.org
#define IssInfoBeforeInstall=Filename
```

The required directives tell T3 that I want a setup file titled “Steps to Christ - TOPX.exe”, and that this is a TOPX file. The generated installer file will then put this new module into the users document directory.

The next optional directive, `IssModuleName`, tells T3 that the module name is “Steps to Christ2.topx”. If this directive is missing, then T3 assumes that the module name will be the same as the source file, in this case it is “Steps to Christ.rtf”, so the module name will be “Steps to Christ.topx”. But if you created the module and gave it a different name, such as “Steps to Christ2”, then you can assign that to the `IssModuleName` variable.

NOTE - T3 at this time, always assumes that the folder where the source module (TOPX in this example) is located is the same as where the source text file (RTF) is located. Also, the install file (EXE) will also be placed in the same folder. Additionally, an installer script file (ISS) is also generated. This file is used by Inno Setup to create the installer file. This file can be edited if you have the knowledge to modify the installer file if you wish and you can then recreate the installer (EXE)

The next three optional directives can be used to change the information displayed when the installed is executed.

`IssLabel1` is the main title text and is in larger font in the installer.

`IssLabel2` is additional information that can be included. The text “%n” is used to generate a new line of text, so you have multiple lines of information.

`IssInfoBeforeInstall` is the name of an RTF file which will be displayed before the module is actually installed.

So, there are the steps then to create an installer for your module.

- 1) Load your source text file, or create it and save it.
- 2) Tooltip your module.
- 3) Create your module, using the Module menu.
- 4) Click the File menu, and select “Create InnoSetup (ISS/EXE) File.”

If all went well, you should get a window confirming the creation of the Installer file.

A new option for `IssLabel2`: if the first character of `IssLabel2` is a “<”, then T3 will look for a TXT file in the module's folder with a title after “<” and use the contents of that file for `IssLabel2`. Example: `#define=IssLabel2=<Label2.txt`. The contents of `Label2.txt` will be used for this option.