halFILE 1.4SQL Index module has the following "hooks" to run external programs.

IndexLoadExecute – program to execute when Index is loaded.
IndexMenuExecute – program to execute from a User-defined menu selection under the Edit menu.
IndexExecute – program to execute when a document is saved.

IndexLoadExecute

This tag is placed into the database section of hfglobal.ini. For example, if the application is AAA and the Document Type is TP, then the following would be a valid IndexLoadExecute tag.

```
[AAAHFWTP]
IndexLoadExecute=e:\hfw14sql\ftpfile –RUNTAG=%appl%HFW%DocType%_%Basket%
```

The typical use for this tag is to run the halFILE Capture Server program, ftpfile.exe, to pull in new documents to be indexed. For more information on the halFILE Capture Server product, review the information found in the Tech Support area of www.halfile.com.

The above command line will substitute the Application, Document Type and Basket on the command line and run ftpfile.exe. When Index runs, the halFILE Capture Server program runs and loads the basket with any new documents that were sent to the server from a remote ftp scanner.

IndexMenuExecute

This tag is placed into the database section of hfglobal.ini. A related IndexMenuCaption is required to define what menu will be added to the Index Edit menu. For example, if the application is AAA and the Document Type is TP, then the following would be a valid tag to enable this feature.

```
[AAAHFWTP]
IndexMenuExecute=http://www.sitename.com/scripts/hflook.exe ?%appl%;%DocType%;%user%;summary;10;%Grantor%;begin
IndexMenuCaption=Search Grantor
```

The above IndexMenuExecute command line will substitute the Application, Document Type and User Id and the Grantor field from the index screen on the command and execute the e.halFILE Internet search program.

Typical uses for this feature is to integrate halFILE with e.halFILE in order to perform searches while you are indexing. The user could begin indexing a document, fill in the Grantor field, then select the menu selection (or press CTRL-U) and perform a search for the Grantor.

Note: when starting a web address (one that begins with http), the system runs halshell.exe. You may need to get this program from the hal Technical Support Staff before this feature will work.

IndexExecute

This tag is placed into the database section of halfile.ini in the workstation's Windows folder. For example, if the application is AAA and the Document Type is TP, then the following would be a valid IndexExecute tag.

```
[AAAHFWTP]
IndexLoadExecute=e:\hfw14sql\pending S;%appl%;%DocType%;%DocNum%
```

In this example, when the user presses CTRL-S to save a document, the Pending Order program is run to determine if the data in this document matches any Pending Orders (this is a Title application). The program substitutes the Application, the Document Type and the Document Number of the document being indexed.

Typical uses for this tag include the Title Application Pending Order System add-on product.