

**TextPlus Release Module  
for Ascent Capture® 3.0  
Release Notes**

**v 3.00 Beta**

**June 1999**

### 1. Introduction

This document provides information on the TextPlus release script which is a sample script available from the Kofax Image Products web site. Source code is provided with the script so any modifications/fixes can be easily implemented by a qualified programmer.

The release module consists of a single COM Server DLL that handles the setup of the release module and the export of images and index data from the Ascent Capture® 3.0 system. The TextPlus Release is based on the original Ascent Capture Text Release and has customizations that allow a variety of new features that are regularly requested by Ascent Capture Resellers and end users. These additional features include:

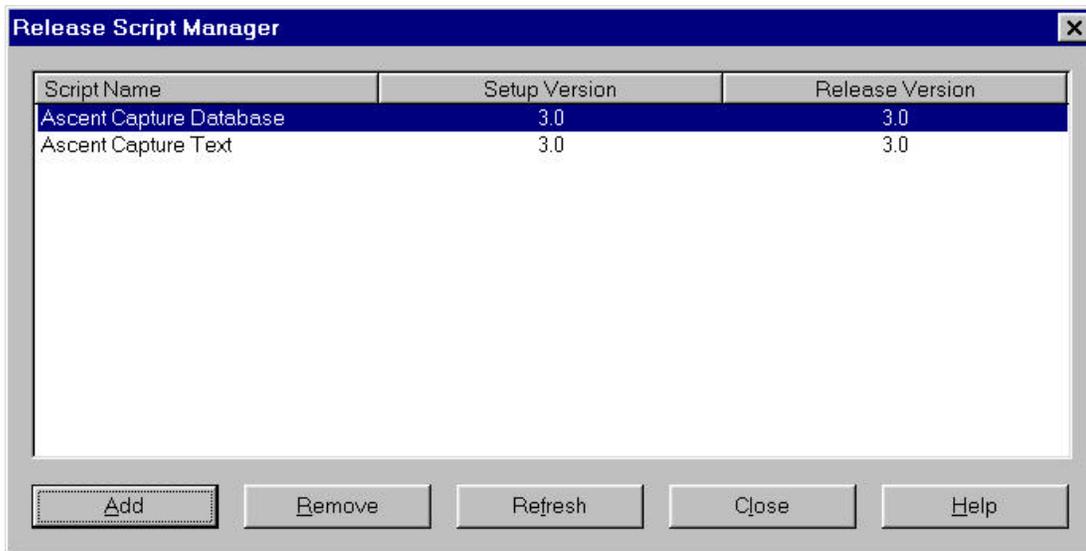
- Ability to release image files as a decimal-based integer (Hexadecimal is the Ascent Capture default). The option of using leading zeros in the name is also available.
- Ability to release image files that are named after the value of an Ascent Capture index field. There are several options available to choose how the script will handle any duplicate file names when this feature is enabled.
- Ability to use foldering (subdirectories) based on Ascent Capture index values when releasing image files. Up to two folder levels are supported.

### 2. Installation

To install the TextPlus release script, perform the following steps:

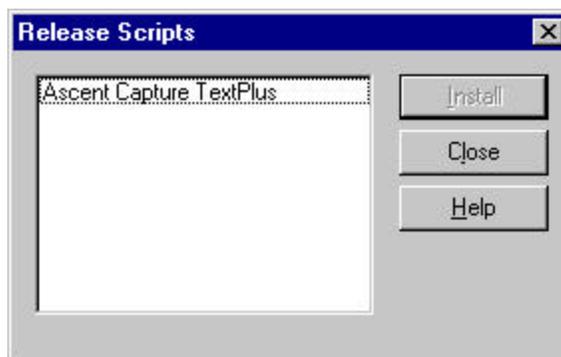
**NOTE: Make sure Ascent Capture 3.0 is installed before installing the TextPlus Release Script.**

- Download TextPlus30.exe from [www.kofax.com](http://www.kofax.com) and place it in a temporary directory.
- TextPlus30.exe is a self-extracting zip file that will extract setup.exe and all of it's necessary components to the temp directory (or a directory of your choice). Once you have extracted the setup files, simply run setup.exe which will install TextPlus.dll, TextPlus.inf and these release notes to the directory you specify. Your local Ascent\Bin directory is the preferred location. You will need to perform this step on each station that will be running the TextPlus release.
- Open the Ascent Administration module and click on "Tools" and "Release Script Manager". Click on "Add" (See Figure 1).



**Figure 1**

- Select TextPlus.inf from the directory the script was installed to (\\Ascent\\Bin). “Ascent Capture TextPlus” should appear in the dialog box (See Figure 2).



**Figure 2**

- Highlight it and click on install. A dialog box with “Registration Complete” should appear (See Figure 3). **NOTE: If “Registration Complete” does not appear, the release script is NOT installed.**



**Figure 3**

- On each release station, install the TextPlus.dll to the same directory on the local machine.

### 3. Functional Description

The TextPlus release does everything the standard Ascent Capture Text Release can with the addition of several features. For more information on the standard release, please see the online help within Ascent Capture. The additional features provided with the TextPlus release include the following:

- Ability to release image files as a decimal-based integer (Hexadecimal is the Ascent Capture default). The option of using leading zeros in the name is also available.
- Ability to release image files that are named after the value of an Ascent Capture index field. There are several options available to choose how the script will handle any duplicate file names when this feature is enabled.
- Ability to use foldering (subdirectories) based on Ascent Capture index values when releasing image files. Up to two folder levels are supported.

#### 3.1 Release Setup

Once the TextPlus release script has been installed, the administrator may begin defining Batch classes in Ascent Capture. A Batch class describes exactly how Ascent Capture will process a specific document or form type. Please refer to the *Getting Started with Ascent Capture 3* manual or online help for instructions on creating Batch classes, document classes and form types. The TextPlus release module is linked to a document class in the Administration module by right clicking on the document class and choosing Release Script. This will present the Release Script selection dialog box (figure 4).

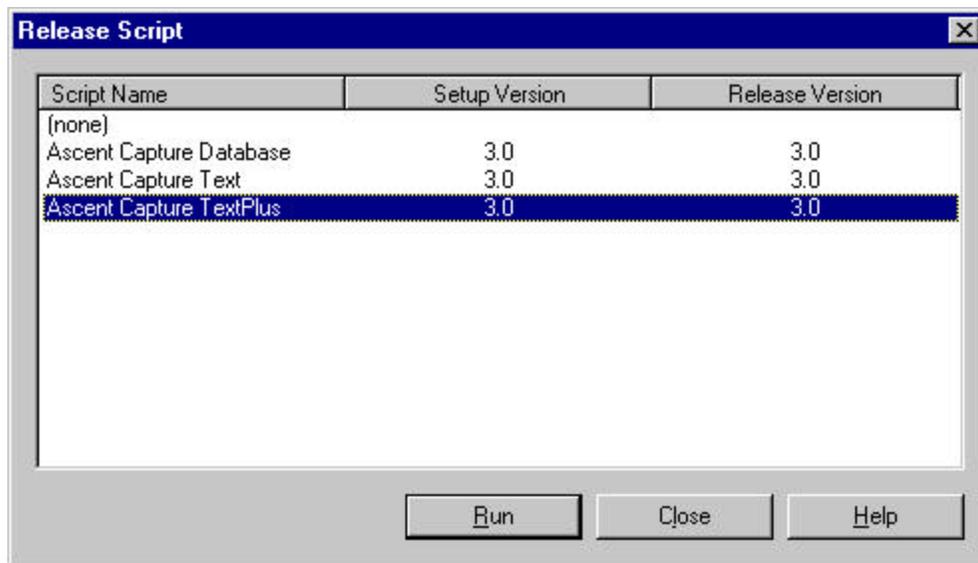


Figure 4

Click on “Run” to start the release setup portion of the TextPlus release script and to add it to the selected document class. The release setup dialog that is displayed will appear exactly the same as the standard Ascent Capture Text Release with the addition of a fourth tab labeled “TextPlus” (See Figure 5). For help on setting up the first three tabs, consult the Ascent Capture online help. The following sections describe the different options on the TextPlus tab of release setup.

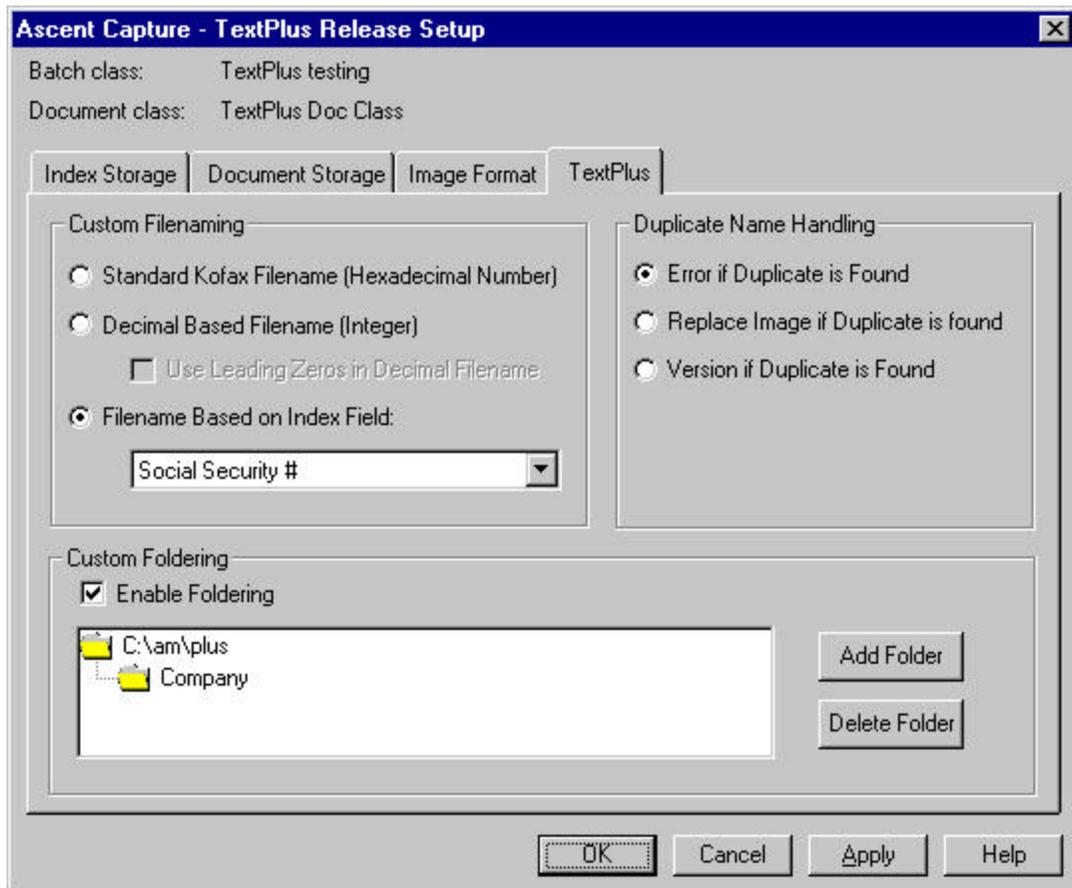


Figure 5

### 3.1.1 Custom Filenaming

The controls in the Custom Filenaming frame allow you to alter the way image files are named when released from Ascent Capture. The default naming scheme used by Ascent is to use a hexadecimal-based unique number.

Choose **Standard Kofax Filename** to keep the default Ascent Capture naming scheme (releasing the image file as a unique hexadecimal number).

To release decimal-based numbers, simply click the **Decimal Based Filename** radio button. This will use the same unique number that the standard release uses but will not convert it to hexadecimal when the image is released. It will be a unique, decimal-based integer. If this option is selected, an

additional checkbox will be available to force an “8.3” filename by adding leading zeros to the unique integer until it is eight characters long. To toggle this option, click the **Use Leading Zeros in Decimal Filename** checkbox. If you do not check this option, the filename will be the integer with a three character extension. The following is an example without leading zeros:

123.TIF

With the checkbox selected, the same file will appear:

00000123.TIF

If you would like the released image file to be named after the value of an Ascent Capture index field, click the **Filename Based on Index Field** radio button. Choosing this option will enable the dropdown control which will be populated with all Ascent Capture index fields defined for the document class. You may select an index field and when a document is released, it will name the file after the index value that corresponds to the selected field. See the section on limitations and known issues for information on invalid filenames, etc. When this option is selected, the Duplicate Name Handling frame becomes enabled. See the next section for descriptions on these settings.

### 3.1.2 Duplicate Name Handling

When naming the files after an index field, you must choose a way to handle the possibility of duplicate filenames. The Duplicate Name Handling frame becomes enabled when the **Filename Based on Index Field** radio button is selected.

If a document is to be named the same as an existing file and you would like it to be placed into an error state, choose the **Error if Duplicate is Found** radio button. This will place the document in error and will move to the next document in the batch. After release is complete, the batch will be sent to QC and will only contain the rejected documents. You may then unreject them and reindex the documents to prevent a duplicate name when release is launched a second time.

If you would like to replace the original file when a duplicate name is found, select the **Replace Image if Duplicate is Found** radio button. Note that you will have multiple sets of index data pointing to the same image file.

If you would like to version the file when duplicate names are found, choose the **Version if Duplicate is Found** radio button. If a file is to be named “MyImage.tif” and an image with this name already exists, it will release it as “MyImage\_V2.tif”. This naming scheme will continue, i.e., a third file to be called “MyImage.tif” will be named “MyImage\_V3.tif”.

### 3.1.3 Custom Foldering

Subdirectories based on Ascent Capture index fields can be dynamically created during release. The image file will be released into the designated directory structure. A maximum of two folder levels can be created under the specified (static) release directory. It was designed for two subfolders so that the release can handle a batch level folder along with document level folders. However, any implementation works that specifies up to two levels.

To release using foldering, select the **Enable Foldering** checkbox. Clicking this option will enable the treeview where folders can be added or deleted. The first level displayed will be the release directory that is specified on the Document Storage tab of release setup (See Figure 5 above). If a directory has not yet been selected, a placeholder is placed at the top level and will be changed to the release directory the next time the settings have been saved.

To add a folder level, simply click the **Add Folder** button to the right of the treeview. A popup menu will appear that contains all Ascent Capture index fields for the document class (See Figure 6 below). Selecting one will create a folder with the index field name and will add it under the lowest level in the tree. You may add up to two levels of folders under the release directory. To delete folder levels, simply click the **Delete Folder** button. This will delete the bottom level folder in the tree.

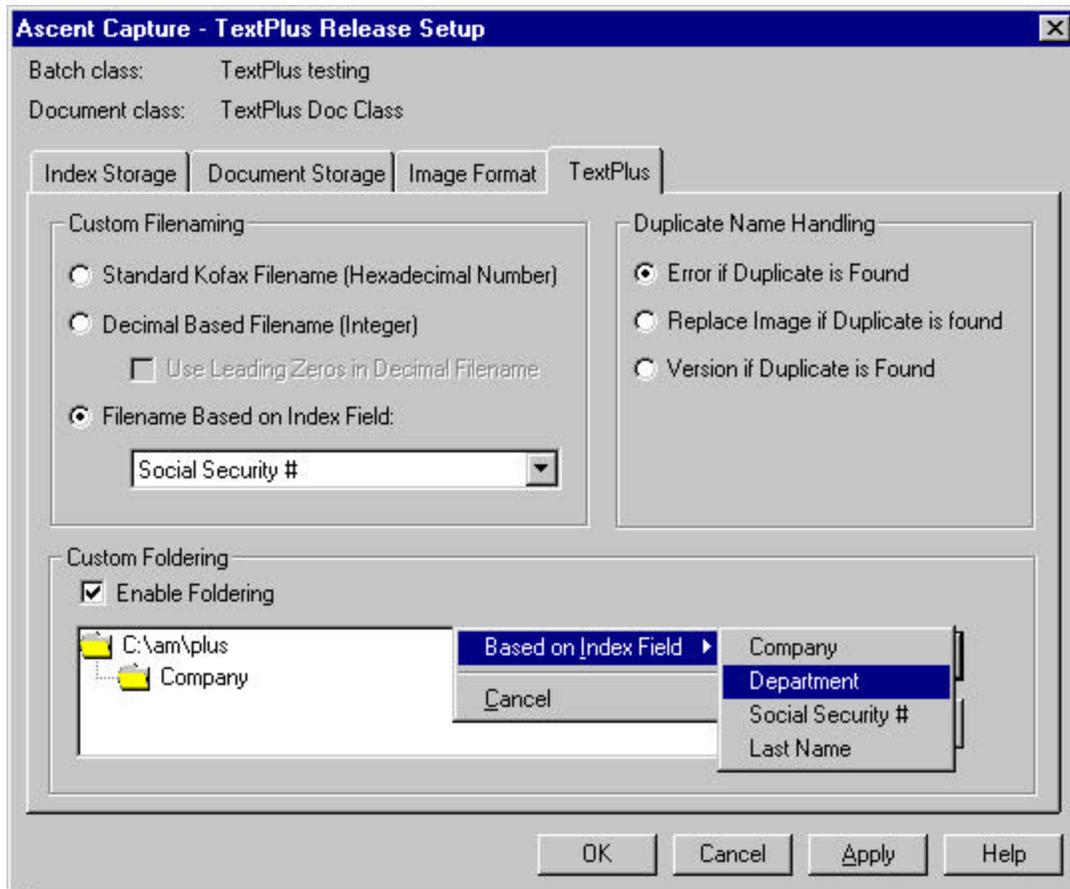


Figure 6

### 3.2 Release

To run the TextPlus release, simply run release as you normally would and it will be used to process any batches that have a document class defined to use TextPlus. Figure 7 below contains a screen shot of the release program releasing using the TextPlus release. If any TextPlus features are used, a message will be written to the display in the release dialog indicating what foldering and naming options were used to release the document (See Figure 7).

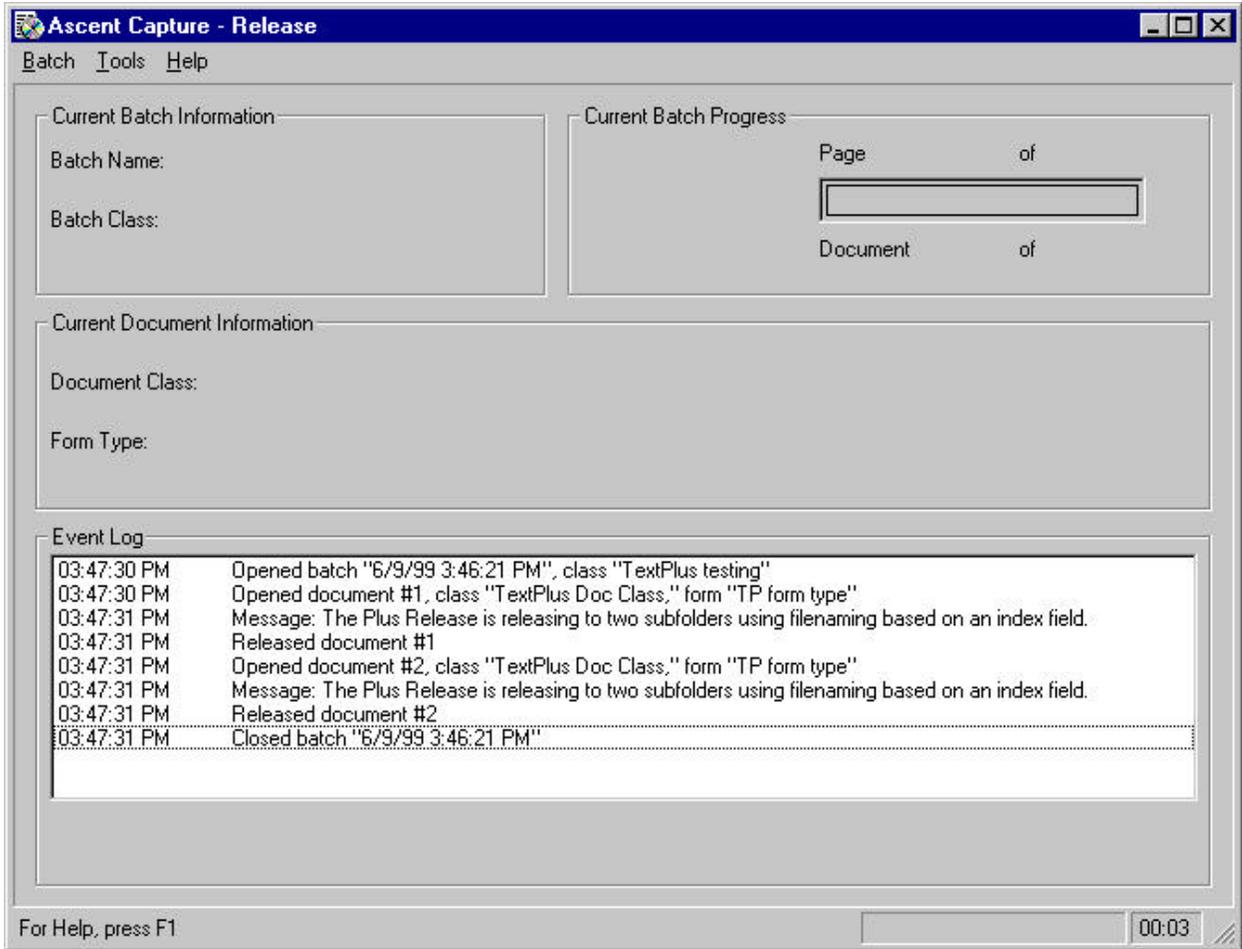


Figure 7

## 4. Known Issues and Limitations

This section lists any known issues or limitations, some of which are planned to be addressed in future versions of the TextPlus script. It should be noted that there won't necessarily be another version, so it may be up to the reseller or end user to implement some of these items if the functionality is desired. Also listed are various warnings, especially in regards to the features that name files or folders after index values.

### Issues/Limitations that may change in a future version

- If PDF conversion is used, the files are released the standard way the Ascent Capture Text release would and any TextPlus settings are ignored.
- Single page tiffs are not supported.
- No custom foldering or naming occurs for OCR full text files. They are released as they normally would be with the Ascent Capture Text release.

- There may be problems if a TextPlus release is configured using a specific index field for naming criteria and that index field is deleted from the document class or renamed. If any fields are deleted or renamed, it is recommended that the user run the TextPlus release setup and verify all options, making any necessary corrections and resaving the configuration to ensure the integrity of the settings.

### Other Issues/Limitations

- Care must be taken when using index values for naming files or directories. If you can't name a file or directory in Windows Explorer with a certain name, this release script can't either. For example, you can't use the following 9 characters in a file or directory name:

\* : ? “ < > | \ /

If you use an invalid name, the TextPlus release will put the document in error and write errors to the Ascent Capture error log stating the problem and give the name that it was trying to use for the directory or file. The batch will go to QC with any documents in error and the user will be forced to remedy the problem before re-releasing the rest of the batch.

## 5. Notes on Source Code

The source code for TextPlus is provided in a zip file contained in the self-extracting executable that is downloadable from the Kofax Image Products web site. Care was taken to try to make the added code modular so that it could be easily implemented in other scripts. To achieve this, three modules were added to the standard text release containing all the necessary TextPlus code except for small pieces that had to be placed in the event procedures of the release setup form. The three modules added to the script are listed here:

- **clsPlus (clsPlus.cls)** – This class module contains all of the code to perform the TextPlus release operations. This includes establishing what TextPlus options are to be used, creating directories, renaming files, etc.
- **clsPlusSetup (clsPlusSetup.cls)** – This class module contains all of the code necessary to perform all of the release setup operations. This includes loading default settings, loading saved settings, saving/accessing custom properties, manipulating the treeview for foldering, etc.
- **frmPlus (frmPlus.frm)** – This form is used to create the popup menu for custom foldering and includes procedures for populating the menu with index field names.

For the small pieces of code that had to be put in the event procedures, the programmer can search on the words "TextPlus Addition" throughout the project and all other additions will be found. In addition to the event procedures, this will take you to where the objects based on the two class

modules are created as well as all constant declarations (in the ResConstants module). All of the TextPlus code is well documented with comments so it should be fairly easy to follow.

The development environment for TextPlus was Visual Basic 6.0 with service pack 3.

## 6. Operating Requirements

The TextPlus release setup and release script run in the following environments:

**Hardware:** Requires IBM PC architecture.

**Software:**

- Runs under Windows 95/98, and Windows NT.
- Ascent Capture® 3.0 (and its requirements).

## 7. Technical Support

Support of this sample script is not the responsibility of the Kofax Image Products Technical Support staff. Any issues or desired changes are the responsibility of the reseller or user of the script. Technical Support will not take questions on the TextPlus script.