# BDMS JV Transaction Documentation Process Training

How to process transaction documentation into the Banner Document Management System (BDMS)

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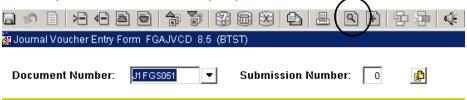
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# **Initial BDMS Setup on Your PC**

New to document imaging and the BDMS software? Here are the steps to get you started:

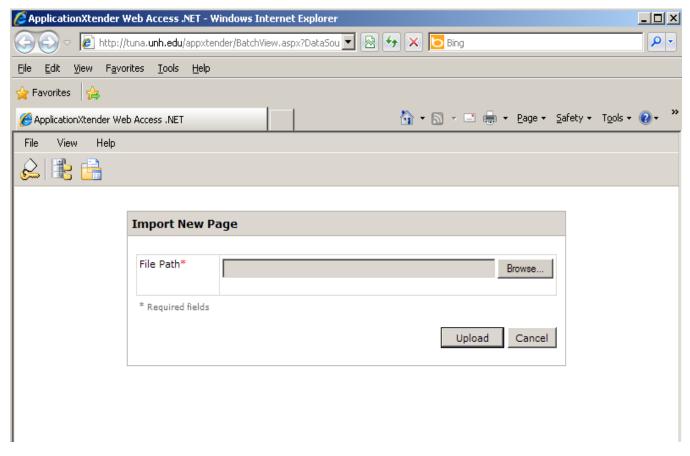
1. **Synchronize your BDMS and Banner password** by going into a Banner form, such as FGAJVCD, and open up the BDMS- display document button.

You should enter a document number (any document number) into the "Document Number" field. If you do not, it causes a query to be executed for all items and this could take some time.



Journal Voucher Document Header

This will open up a browser window and connect to the BDMS server. You should see an import new page screen like the one shown below. The system has now synchronized your password.



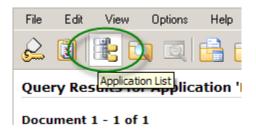
Do this for each Banner instance, i.e. BPRD, BTST, etc.

If this is the first time you have accessed BDMS on your computer – proceed to step 2, otherwise you are ready to move on to querying/processing. Stay in BDMS for the next step.

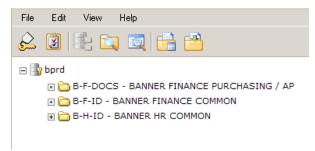
## 2. Verify the installed components of the BDMS software on your computer.

This only needs to be done once per computer you use. If you have already done these steps on this computer – you do not need to repeat them.

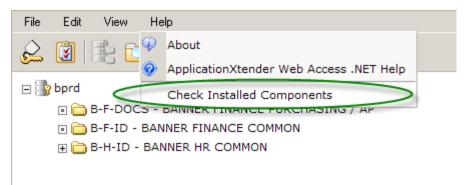
While on the Query Results or Query Criteria page, select the "Application List" icon from the menu



This will bring up all the applications you have access to in BDMS. (See the appendix for a definition and listing of BDMS applications)



Go the Help menu on the Application page in BDMS and click on "Check Installed Components" under "Help"



This will open a window that will display the available components as well as a listing of what the status is for each of these components. Should you get an error message on this screen – there could be a message at the very top of the page indicating a request to install some active-x control. Right click on this message and select install control – then click yes on any subsequent messages you may see. When complete – the list should automatically complete.

ال	Component	Descri	ption		Download Siz
1	ApplicationXtender Web Access Scan Component 5.50	Scan C	tionXtender Web Ac omponent is require ive control.		9.2 MB
1	Applicationxtender Web Access Adobe Component 9.1	Adobe	tionXtender Web Ac Component is requi and printing PDF fi	red for	55.5 MB
1	ApplicationXtender Web Access Keyview Component 10.80	Keyvie	tionXtender Web Ac w Component is rec ng foreign files.		13.2 MB
	ApplicationXtender Spell Check Component 5.16	Compo	tionXtender Spell C nent is required to p notation spell check	perform a	4.6 MB
re	ent install status	<u> </u>			
pl	icationXtender Scanning Compon	ent:	Installed (v6.50)		
pl	icationXtender Adobe Component		Installed (v9.1)		
ρĺ	icationXtender Keyview Compone	nt:	Installed (v10.8)		
ppl	icationXtender Spell Check Compo	onent:	Installed (v5.16)		

Confirm the current install status shows "Installed" and lists the same version as is described in the application listing above. In the example depicted, the "Scanning Component" is listed as "v6.5" in both the component list and the current installed status.

If you do not have all the component's listed or there are different versions installed than are listed in the component list, you need to install the component. Click on the blue icon next to the component you wish to install from the list at the top of the menu. This will download and install the selected component. As with most windows installs, you may have to click the "yes" button several times for this to complete.

All four items need to say "Installed" and reference the correct version number when complete.

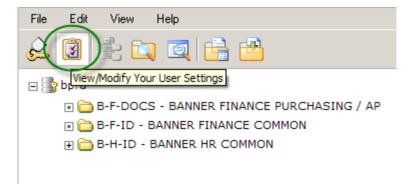
Once this is achieved, click on the "Close" button at the bottom of the window. This will return you to the "Applications List".

3. **Verify your user settings**. The User Settings button allows you to control the way documents are retrieved, displayed, exported, and printed in BDMS. The changes you make to your settings will not affect other users.

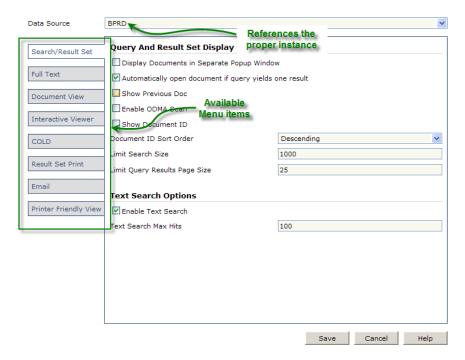
The items listed below are recommended settings for all users and should be completed before you use BDMS to provide a consistent view of documents. If this is not completed, the view you have of the BDMS screens and or documents may not look like what is in this document.

You may change other settings based on your individual needs, as you use the product.

From the "Application List" screen click on the User Settings icon, this can also be selected from the "Edit" menu item.



There are several menus available with multiple selections per tab. There are recommended changes to only two of the tabs, the first tab, "Search/Result Set", and the fourth tab, "Interactive Viewer".



On the "Search/Results Set" tab:

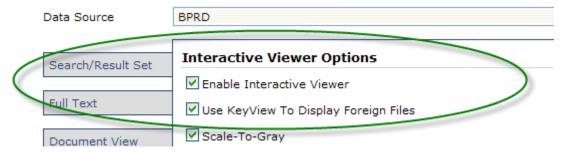
select the "Display Documents in Separate Popup Window" checkbox



Note that this will gray out the second option on this tab.

On the "Interactive Viewer" tab:

- select the "Enable Interactive Viewer" checkbox.
- select the "Use Keyview To Display Foreign Files" checkbox

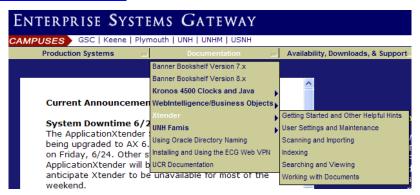


Other items on each tab may be selected as you choose.

When finished, click the "Save" button in the lower right hand corner of the window to keep the setting you have just made.

#### Additional information available

General SunGard documentation on the USNH Gateway webpage <a href="http://www.usnhgateway.org/">http://www.usnhgateway.org/</a> >> Documentation >> Xtender



Detailed UNH BDMS training is available Xtender training class through UNH IT -

http://it.unh.edu/ >> Software >> Training



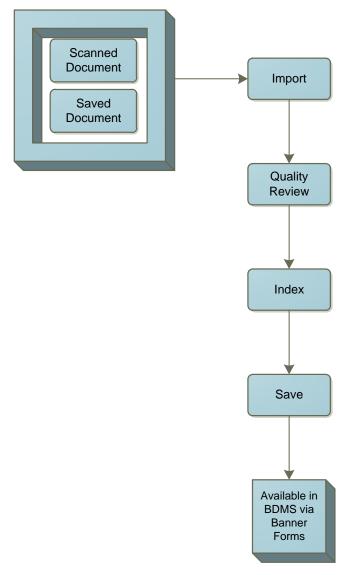
To Sign Up



# **Overview - The Steps of the Business Process**

The process of scanning, saving, indexing, and finalizing journal voucher documentation is made up of 8 basic steps. We will go into detail for each of the steps in the process further along in the document.

- 1. Scan a paper document or locating an existing file.
- 2. Import into BDMS.
- 3. Perform quality control review.
- 4. Index the document(s).
- 5. Save indexed document.
- 6. Re-orient pages as required
- 7. Remove source document(s) from shared folder(s).
- 8. Keeping the paper documents.



## 1. Imaging Documents

There are several methods of associating documentation with Banner documents.

- A. Using a Multi-Function Device (MFD) or shared scanner to create a file for import:
  - a. as an individual document
  - b. as a batch
- B. Using existing source documents like an .xlsx, .docx, email, or a PDF file.
- C. Scanning directly into BDMS

We will discuss options A and B here. Option C requires a personal scanner connected to your desktop. This will not be covered here. Additional information on this and other functions is available in the general documentation at the gateway page and/or sign up for IT training. (see additional information for links)

#### A. Using an MFD or shared scanner to create a file for import:

This requires your MFD to be properly configured.

If you are uncertain how to do this, please contact the vendor for assistance.

This discussion is based on using an HP-4730. The process is similar for the C-353.

Some of the options that need to be set up:

- i. Create a shared network folder
- ii. Enable Send to Folder option
- iii. Set default settings for copy color type, DPI, and file type
- iv. Various security settings that authorizes users

Using other MFDs or a shared scanner will be similar.

The materials scanned may be for a single document or for a group of documents (batch). If you prefer, you can scan the materials for each individual document into a separate file-folder on the server. Alternatively you may scan the materials for a number of transactions into a single large item which you will continuously import until all the materials have been associated with transactions.

- 1. Place your documents face up in auto document feeder or face down on the glass plate if an auto feeder is not available. This is just like you are making regular copies. Make sure you account for changes in paper size and double sided copies.
- 2. Touch the Folder button (on the right side of screen).
- Select a folder from the list.
  (\Louise.USNH.edu\Imaging\deptname\JournalVoucher)
- 4. Touch the FileName: button and type a file name for your document.
- 5. Touch the OK button to return to the Folder screen.
- 6. Press the Start button to send. Document is "scanned" and saved as a PDF with the desired file name.

FOLDER

7. This results in a single PDF file that provides the documentation for 1 or more journal voucher(s).

#### B. Using existing source documents like an .xlsx, .docx, email, or a PDF file.

Many types of documents that you work with on a daily basis may be used as supporting documentation in their normal state. That is you can use an excel file saved as a functioning .xls, .xlsx etc. directly to BDMS in support of a transaction.

All Microsoft Office files from version 10 back through 2003 are compatible with BDMS. Text files such as those created with notepad or WordPad or saved email need to be saved as text files to be imported. (see email section in the appendix).

Adobe files (.pdf which is what is generally created by the MF devices) can be used and read directly in BDMS.

To make the process more consistent, you may want to move/copy any files you have which will be used for support into the same directory as you are currently storing the scanned files you created in step A above (\\Louise.USNH.edu\\Imaging\\deptname\\JournalVoucher).

# 2. Import file(s) into BDMS and associating with the appropriate transaction

These files may be existing PDFs, xlsx, docx, etc files or images of those documents just scanned. It is recommended that the directory \\Louise.usnh.edu\usnh\JVimages be used for all your data files for consistency.

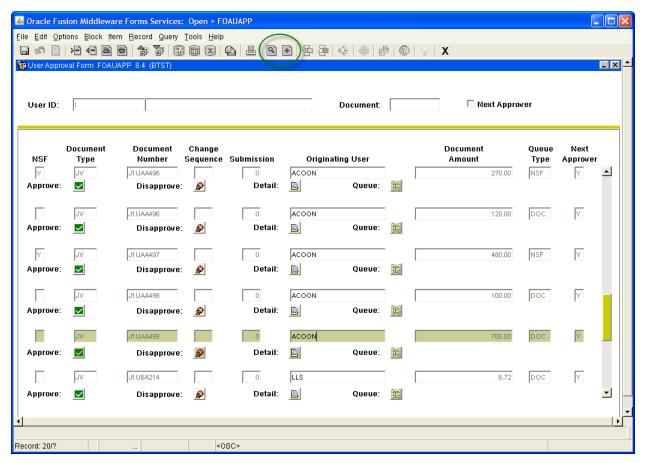
The documentation can only be associated with an already existing transaction in Banner. If the transaction does not yet exist, and therefore has no document number in Banner yet, the documentation cannot be fully associated with transaction.

You may begin the process from many different forms. The document number you are focusing on must be on the page you are starting from. Some examples are below:

Journal Vouchers (JV)	Invoices (INV)	General Forms
FGAJVCD	FAAINVE	FOAUAPP
FGAJVCQ	FAIINVE	FOIDOCH
FGAJVCM		FGATRND

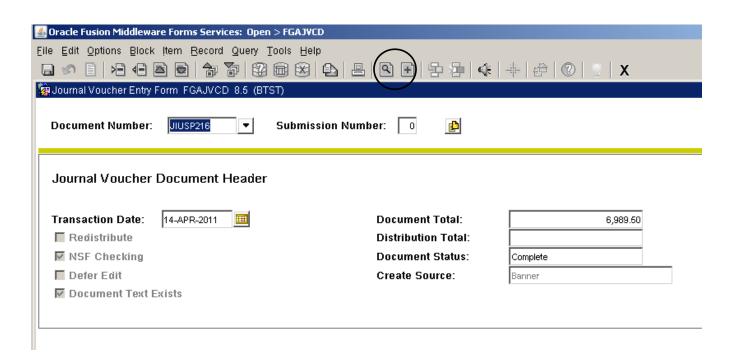
See Appendix for more details.

Regardless of the form you start from – each of the steps are the same. For this document, we will begin from FOAUAPP.



The fifth line is highlighted as I have clicked in that row. This indicates the transaction I am interested in. There are two buttons on the top menu (circled above) which relate to BDMS.

Here is what the form looks like if you start importing from FGAJVCD.



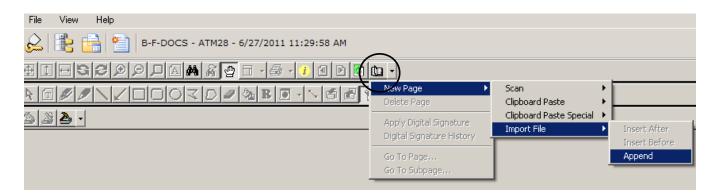
Regardless of which form you start from you will be choosing the big plus icon, BDMS – Add Document to begin the import process.



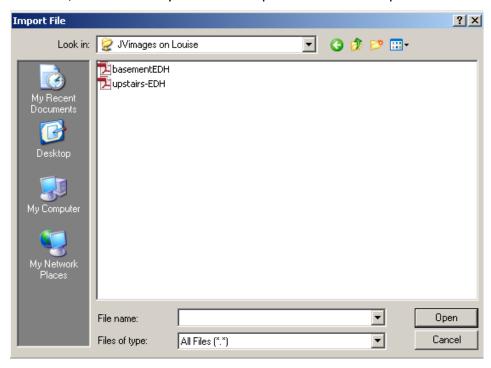
## A. When there is documentation for only a single document in a file

Begin the process by clicking on the BDMS – Add Document button as shown above. BDMS will open in the import screen shown below.

1. Click the **New Page** button.



- 2. Follow the menu path: New Page >> Import File >> Append.
- 3. In the Import File box, select the file you wish to import and click the Open button.

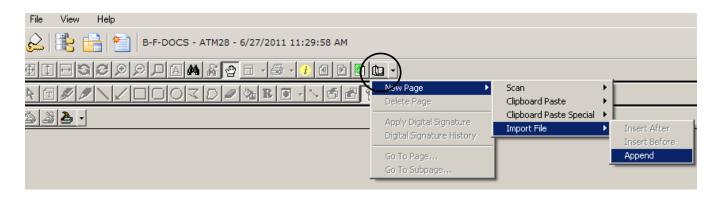


The document is now imported and but needs to be compared to the source documents to ensure all pages are accounted for, it is in the correct order, and fully legible.

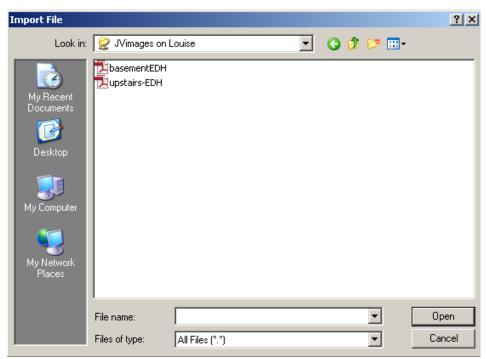
## B. When there is documentation for multiple documents in a file (batch)

Begin the process by clicking on the BDMS – Add Document button as shown above. BDMS will open in the import screen shown below.

1. Click the **New Page** button.



- 2. Follow the menu path: New Page >> Import File >> Append.
- 3. In the Import File box, select the file you wish to import and click the Open button.

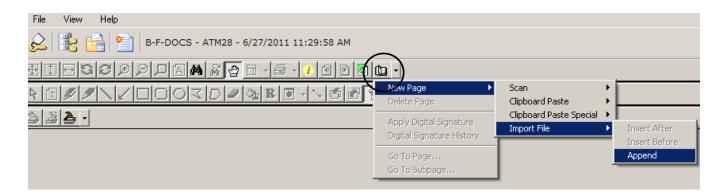


The document is now imported and but needs to be compared to the source documents. This document will eventually be split into multiple document numbers. You will complete the first document index and then go back into Banner, choose your Banner form, your Document ID and then BDMS - Add document. The remaining pages of the original PDF will be waiting in BDMS for you to index!

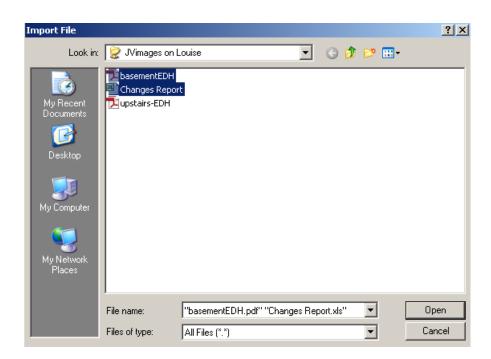
#### C. With multiple files or multiple types of files

Begin the process by clicking on the BDMS – Add Document button as shown above. BDMS will open in the import screen shown below.

1. Click the **New Page** button.



- 2. Follow the menu path: New Page >> Import File >> Append.
- 3. In the Import File box, select the files you wish to import. Select multiple files by holding down the Ctrl key and doing a right mouse click if you are going to open multiple files from this location.



4. You can repeat steps 1 -3 for as many files as you need to import for all the necessary pages in this documentation package. The number of pages that have been imported is located at the bottom left of the screen.



5. Once all the pages are present you can begin the quality control review.

## 3. Performing Quality Control Review

All documentation must be reviewed for quality control purposes. Quality control has 6 elements that must separately be verified. This function is <u>vital</u> since there will ultimately be no paper.

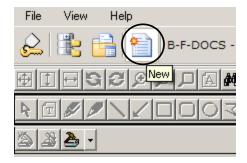
- 1. All scanned documents must be at least 300 DPI and in black and white.
- 2. All pages in the documentation package must be present. Make certain both sides of your document were scanned.
- 3. All pages need to be oriented correctly. The top of the image must be the top of the page regardless of the page's orientation, i.e. portrait or landscape. If any page does not meet this requirement please note which pages need to be addressed. You can correctly reorient the page once the document has been indexed. See <a href="section 6">section 6</a> for the specific instructions to reorient a page once it has been indexed.
- 4. Pages must be related to the document that is being supported
- 5. All pages should be clearly legible. If there are multiple pages in the document then you will see the previous and next page arrows. This allows you to go to each page easily to do your quality control.



- 6. If any of the above criteria are not met, the issue should be rectified before you continue. You may need to rescan the entire document, add pages from an additional file, or re-orient the pages after indexing.
  - If you need to rescan the entire document,
    - exit your browser window without saving your work.
    - The original scanned PDF should be deleted at the same time to eliminate any confusion. See the specific instructions for deleting the source documents PDFs at the end of this section on page 20.
    - Start the process once again correcting the problem

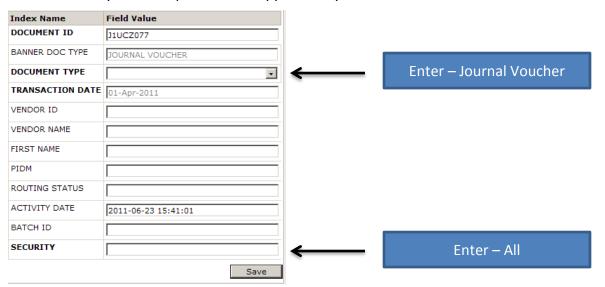
# 4. Indexing

1. Once you have a document open and quality control has been completed, click the **New** button.



2. The **Index Name/Field Value** screen appears.

**Note:** The index fields you see depend on the application you are in. For a JV:



Index name	Description
Document ID	Banner Document ID - Begins with a J for JVs
Banner Doc Type	Drop down menu with 7 options –Use JV
Document Type	Drop down menu with 12 options – Use JV
Transaction Date	Date of Document ID Transaction
Vendor ID	USNH ID
Vendor Name	Vendor last name
First Name	Vendor first name
PIDM	Vendor ID number
Routing Status	An automated input field
Activity Date	This field is auto filled with current date
Batch ID	An automated input field
Security	Enter the word all

3. Confirm and enter the index terms. For Journal Vouchers the following fields need to be filled in: Document ID, Banner Doc Type, Document Type, Transaction Date, Activity Date, and Security. Some information will be presented that are specific to the document in question.

## 5. Save indexed document

1. When you have entered and verified index terms, click the **Save** button. You may get the following message. Click OK.

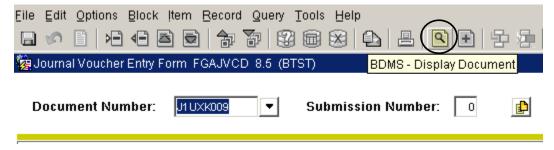


- 2. When you click Save, you may see an error message, indicating that a unique key violation has occurred. This means that documentation for the document number already exists.
  - a. If you do not see this error, continue to step 4.
  - b. If you see this error, please refer to the user documentation titled "What do I do about this Unique Key Violation?" in the appendix.
- 3. The document is now imported, reviewed for quality, and indexed.
- 4. If you need to re-orient any pages continue to item 6 below.
- 5. If you are finished with all your BDMS activity you can now Log out of BDMS to end your session. If you are completing more than one Document ID, then go back to your Banner form and type in the next Document number and click BDMS Add Document button.

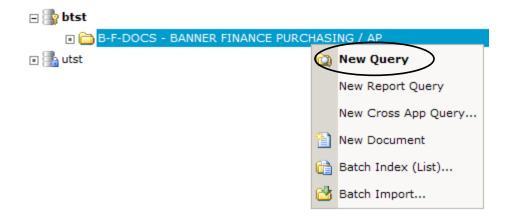
## 6. Reorient pages as required

This may be needed if the document was not oriented correctly when imported. Once the document has been saved you can follow this process to correct the orientation. **You cannot reorient documents before they have been saved and indexed!** You need the document ID to follow this process.

You can go to the document from the FGAJVCD, FGAUAPP, or other forms as appropriate.
 Enter the document number in the form and then select the BDMS – Display Document icon.



- This will open up the document and all the associated pages.
- If already in BDMS right click on B-F DOCS and select New Query.

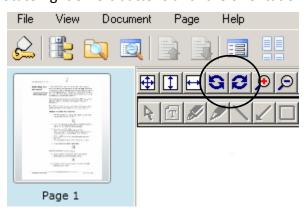


• Type the Doc number in the Document ID field and click on Submit in bottom right corner.

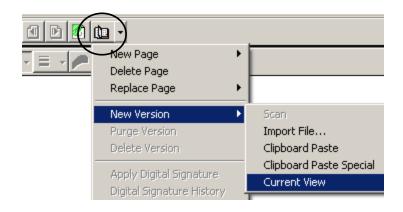
#### Query Criteria for Application 'B-F-DOCS'

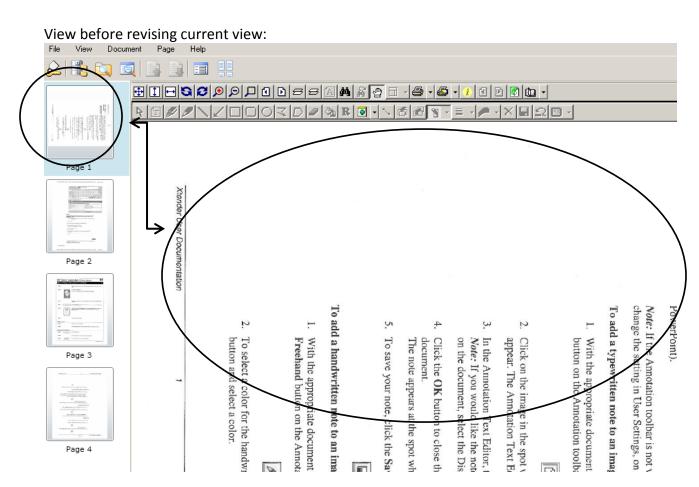


- This will open up the document and all the associated pages.
- Go to the page that needs to be reoriented.
- Click on the rotate right or left buttons until the orientation is correct.

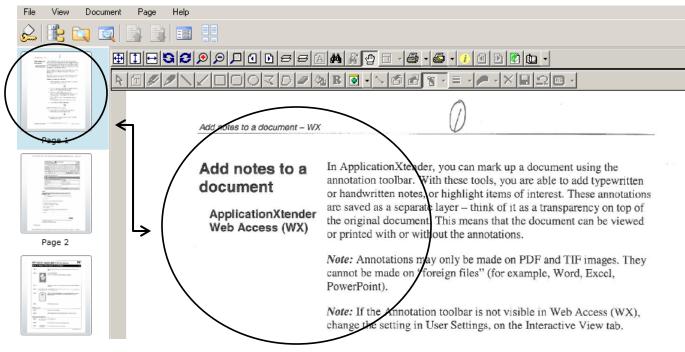


• Open the Page menu (open book) icon. Use the down arrow and the path **New Version>>Current View** 



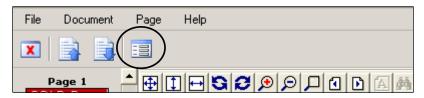


View after revising the current view:

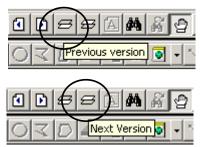


Orientation is corrected.

Click on the Document index button



- Click on the modify button and then save. If you need to reorient more than 1 page in this document, repeat with each specific page.
- If you close out of the document and go back in you will see 2 new icons in the tool bar. These icons only show up for documents that have had their orientation changed.



These allow you to toggle between the most recent saved orientation of the page and the original orientation when it was originally imported.

# 7. Remove source document(s) from shared folder(s)

Once the scanned file has been imported into BDMS it needs to be deleted from the shared location. Go back into the path where the scanned documents are stored

(\\Louise.USNH.edu\Imaging\deptname\JournalVoucher) and delete any files that have already been imported to BDMS.

This is a shared area so to keep the area cleaner all items will be removed from the file server <u>14</u> <u>days</u> after the original scan date. We believe that this is sufficient time for the necessary tasks to be completed; however, we will review this practice after we have been using it for a time.

To delete a scanned source document:

- 1. Right mouse click on the Start button and choose Explore. Locate the path and folder the specific documents were in.
- 2. Left mouse click on the document you wish to delete.
- 3. A warning appears, asking "Are you sure you want to delete (the file name)?" Click the **Yes** button.
- 4. The document is deleted.
- 5. Close out of Explore.

This is probably a good time to destroy any original paper copies as well.

# 8. Keeping the paper documents

- 1. Once you have scanned a package of journal voucher documents you need to keep this paperwork until all quality control work is verified.
- 2. The quality control and indexing processes should be completed within 2 weeks of scanning your documents.
- 3. Once you have completed quality control and indexed the document you will be able to go ahead and destroy the original source documents.

It is up to each area to determine their own comfort level in retaining the paper they have scanned. As indicated above, once the paper has been scanned, indexed and reviewed for quality the paper can be destroyed.

# Modifications to existing documentation

# 1. Change an index field

You must know your document number to perform this function.

- 1. In Banner log into the form of your choice.
- 2. Enter your document number.
- 3. Click on the BDMS Display Document button.

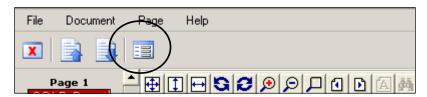


4. The documentation for this item will open up in BDMS. (If there is no documentation in BDMS for this item you will see this message:

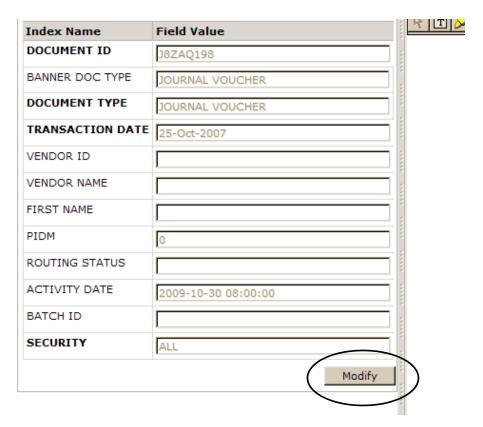


At this point you can close BDMS and go back into Banner and type an existing Document ID in the query field and click on Submit. )

5. Click the **Document Index** button on the toolbar.



6. Click the **Modify** button.



7. Change the appropriate fields.

**Note:** Some fields may be grayed out because they cannot be changed once they have been saved the first time.

8. Click the **Save** button.



9. Log out of BDMS.

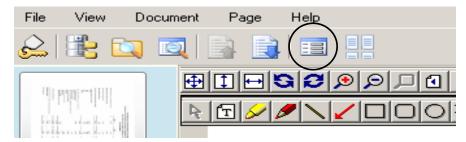
# 2. Adding new documentation to an existing index

If you need to add additional documentation to an indexed document, follow these instructions

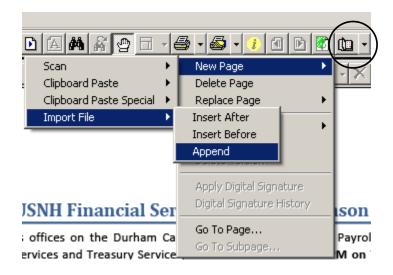
- 1. In Banner log into the form of your choice.
- 2. Enter your document number.
- 3. Click on the BDMS Display Document button.



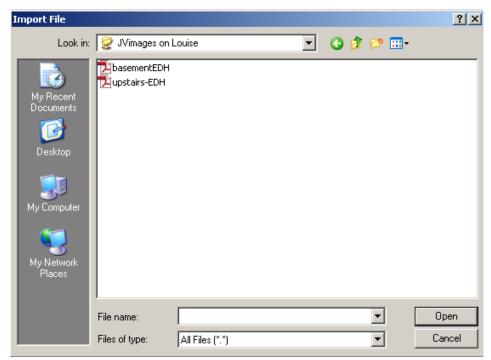
4. Open the document index



5. Open the Page menu (open book) icon. Use the down arrow and the path New Page>Import File>Append



6. Locate the file to imported and click open



- 7. The new page(s) will be automatically added to the end of the open document. Make sure the new page(s) pass all the quality control tests.
- 8. Click Modify and Save for the page to be added to the original document.
- 9. Log out of BDMS.

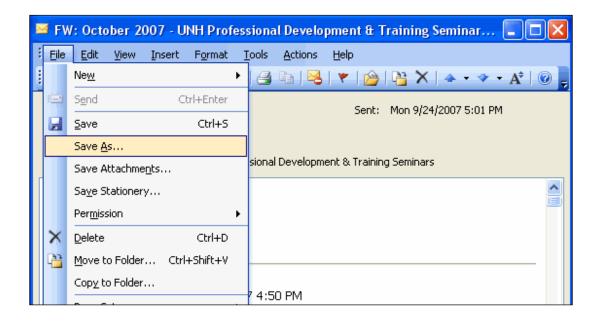
Note: You cannot delete a page of documentation once it has been indexed and saved!

# **Appendix**

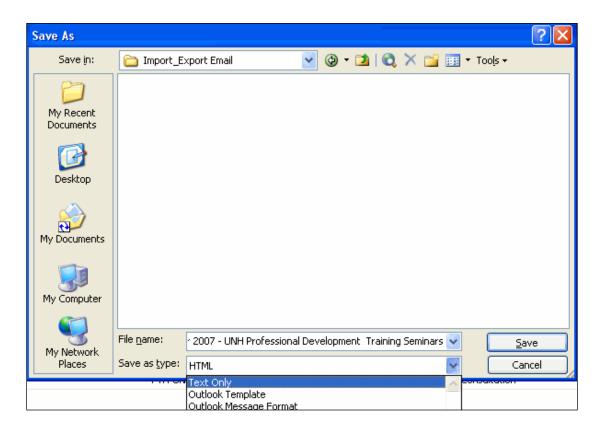
# Preparing an eMail message for import

You need to save an email as a text file if you want to import it into BDMS.

From the email, follow the menu path: File >> Save As...



Navigate to the appropriate folder, name the file, and change the **Save as type** to **Text Only**.



Click the Save button.

If you did not save this to the USNH\\Louise\JVimages folder then you will need to know where you have saved this text file.

## What do I do about this Unique Key Violation error?

When you see a Unique Key Violation error message while you are indexing a document, it means there is already a document indexed with the same key pieces of information.

BDMS does not allow more than one document to be indexed with the same key fields, so you have 2 choices: 1) index with different information, or 2) attach the new document to the document which was previously indexed.

To attach the new document to the document which has already been indexed:

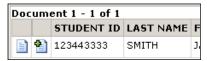
1. Click the **OK** button to acknowledge the error.



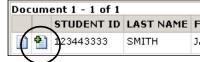
2. Click the Key Reference & Indexes button to search for other documents saved with the same index terms.



3. The documents are displayed in a table where the index terms had been. Scroll to the right to see information for the document, to confirm you found the one you're looking for.



4. Once you find the document you want to add the new pages to, click the **Attach to Document** button.

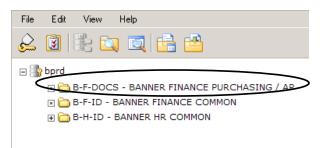


- 5. This will attach the single page you're looking at, to the end of the document which had previously been indexed.
- 6. BDMS returns you to the regular indexing page, but now anything you attach will be attached to the previously indexed document. Continue indexing as you normally would.

## Search (query) for a document

To search for a document which has been indexed:

- 1. Log into BDMS.
- 2. From the Application List, **right-click** the application (B-F DOCS) and select **New Query** from the menu.



3. The Query Criteria screen appears.

*Note:* The index fields you see depend on the application you are in.

4. Enter the information you wish to search on.

**Note:** Use the wild card (\*) to search with partial information. **Examples:** 

Entering J1\* in the Document ID field will return all documents that start with "J1".

Entering \*D65 will return all documents that end with "D65".

Entering \*4\* will return all documents that contain a "4".

5. If necessary, click the **Range** button and enter the appropriate information to search on a range of values.



#### Example:

Entering **Greater than or equal to J0** in the Document ID field will return only the documents which begin with "J0".

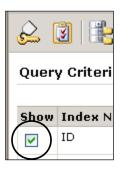
6. If necessary, click the **Search List** button and enter the appropriate information to search for multiple values at once.



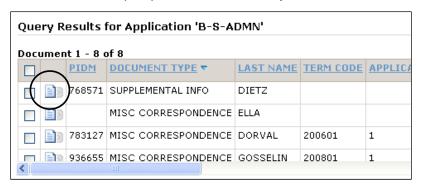
#### Example:

Entering **Smith or Jones** in the Last Name field will return documents for anyone whose name is Smith or Jones.

7. If you do not want a particular column to show on the Query Search Results screen, deselect the checkbox in the **Show** column.



- 8. Click the **Submit** button to run the query.
- 9. To view a document from the query results, click the **Open Document** icon.



# **BDMS Finance Application List**

Application Name	Description
B-F DOCS - BANNER FINANCE PURCHASING A/P	Includes the following document types: AP
	ACH, AP CHECK,CHECK,DIRECT CASH
	RECEIPT,ENCUMBRANCES,INVOICE,INVOICE
	PAYMENT,JOURNAL VOUCHER,PAYROLL
	CHECK,PAYROLL DDN,PURCHASE ORDER, AND
	REQUISITION
B-F-ID – BANNER FINANCE COMMON	DEATH CERTIFICATE,PROOF OF
	CITIZENSHIP,CHECK,DIRECT CASH
	RECEIPT,EMAIL,ENCUMBRANCES,JOURNAL
	VOUCHERS
B-H-ID – BANNER HR COMMON	ADVANCE,AFFIRMATIVE ACTION,BENEFIT
	BACKUP DOCS,BENEFIT FORMS,BENEFIT
	FORMS M&D,DEFER PAY,DELETED
	ITEMS,EMPLOYEE AUTH FORMS,EMPLOYEE
	INFO FORM,EMPLOYMENT AUTH
	FORMS,FAMILY STATUS CHANGE,I-9
	FORM,IMMIGRATION DOCS,NAME\ADDRESS
	CHANGE,NRA,PAYROLL SUPPORT,VOLUNTARY
	DEDUCTIONS,W-2, W-4

# **BANNER Document and Form List**

Document Type	Access from these Banner Forms
Journal Voucher	FGAJVCD, FGAJVCM, FGAJVCQ, FGIJSUM, FGIJVCD

Invoice	FAAINVD, FAAINVE, FAAONLC, FAAPAYC, FAARUIV, FAIINVE, FAIINVL,
	FAIOINF