

“ImageMatch to DP2 Hot Folder”
Reference Manual
Rev. 01.07.07

Install Files:

There is only one file involved with installing the “ImageMatch to DP2 Hot Folder”.

The installer file is named “IM2DP2_1.x.x.EXE”.

Simply double click on this executable and the application files will be installed on your computer and a new program group will be added to your Start / Programs menu.



Once the installation is complete, you should see the new program group in the Start / Programs menu, “ImageMatch to DP2”.

To start the application, click on the “IM2DP2_v1.x.x” icon under the “ImageMatch to DP2” group as shown above.

Create Directories that will be used:

There are two directories that need to be created on your hard drive before you can begin setting up ImageMatch and DP2 to work with the “ImageMatch to DP2” hot folder application.

The first directory will be the “ImageMatch_Hot_Folder” and is used as the location that the ImageMatch Export files should be dropped for processing by the “ImageMatch to DP2” application to create the orders in DP2.

At this point, it is unknown to us whether or not you can set a preference in ImageMatch to have ImageMatch name the export file with the OrderID that you want to be used in DP2. If not, you will need to change the export filename after it is created by ImageMatch to a unique filename that is to be used in DP2 as the OrderID. If this step is necessary, then you will need to point the export files coming from

ImageMatch to a temporary directory, then rename them, and then manually drag them to the “ImageMatch_Hot_Folder” directory.

NOTE: The export filename must be a maximum of 31 characters long, since DP2 will only accept OrderID’s of 31 characters or less.

The path we will use in our example is:

“C:\ImageMatch_Hot_Folder\”

The second directory will be the “DP2_Command_Scripts” directory which is used by the DP2 application as the directory that it monitors for Command Scripts being sent by other applications. This directory should be created on the same computer that is running DP2 that you wish to have our application send the orders to. If you are already using Command scripts to interface with DP2, you may have this directory created and setup within DP2. If not, you will need to do it now.

In order to follow our examples that we use in this reference you should create the following directory on the root level of your DP2 application directory and name it “Command_Scripts_Queue”.

“C:\Kodak Beta 6072\Command_Scripts_Queue\”

The path shown above just happens to be the location on our test computer, so we will use it in our example.

Once the two directories have been created, you are ready to begin configuring DP2 to work with “ImageMatch to DP2”.

DP2 Configuration:

You will need to launch DP2 on the workstation that you wish to have the “ImageMatch to DP2” application creating the orders on, if it is not already running.

Go to the Tasks menu and click the Categories button at the bottom to display the view shown below.



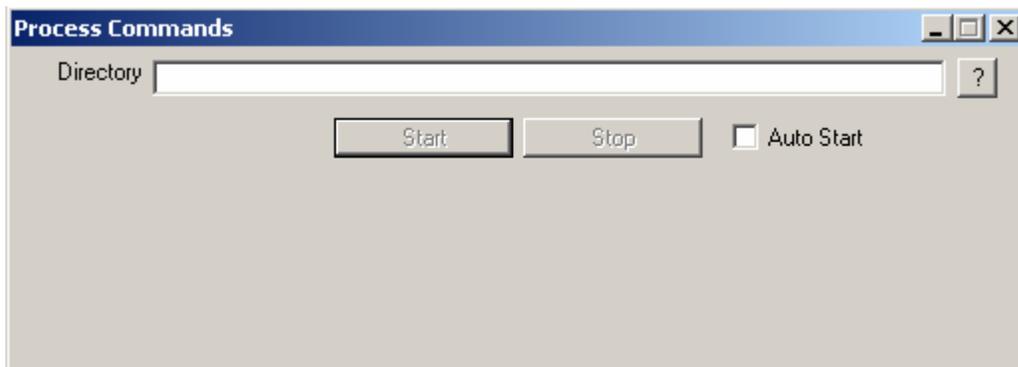
DP2 “Categories Tasks Menu”

Next, click on the “Import” button on the Categories menu, which will display the following.



DP2 “Import Tasks Menu”

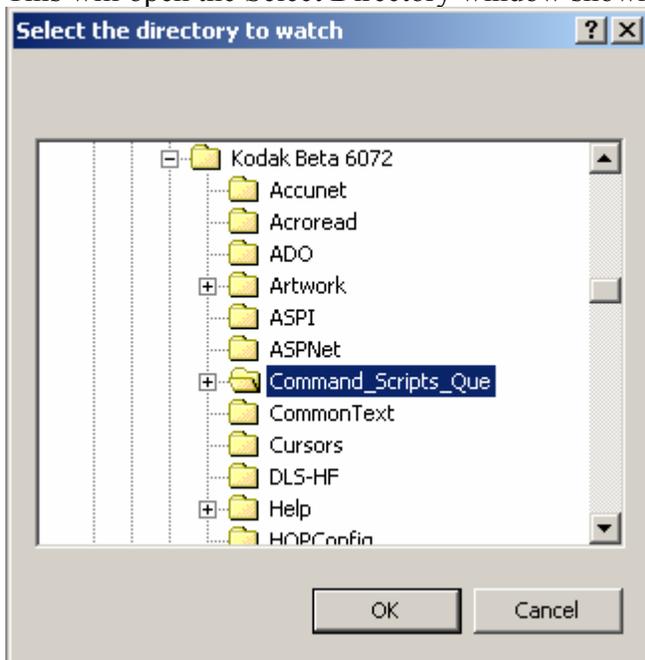
Next, click on the “Commands” button on the “Import Tasks Menu”, which will display the “Process Commands” dialog shown below.



DP2 “Process Commands” dialog

Next, click on the browse button that is the square button with a question mark in the center of the button.

This will open the Select Directory window shown below.

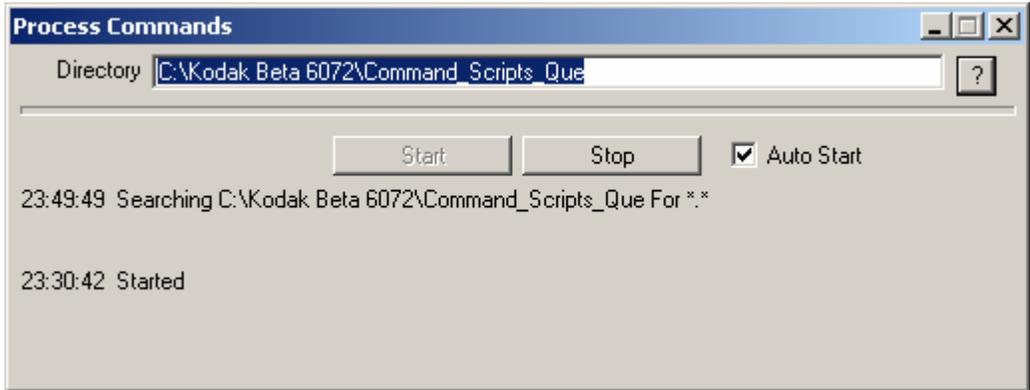


DP2 “Select the Directory to watch” dialog

You will then browse to the second directory you created, which in our example is located in the DP2 application directory in the following location:

“C:\Kodak Beta 6072\Command_Scripts_Que”

Once you locate the directory, highlight it and click the “OK” button and the path will be copied into the path on the “Process Commands” dialog window.



DP2 “Process Commands” dialog with selected Directory path

If you want DP2 to automatically start this Commands Queue monitoring every time DP2 starts up, you should click the “Auto Start” check box. However, if you want to manually start it each time, leave it unchecked.

Either way you will have to click the “Start” button at this time if you wish to start to Commands Queue monitoring process.

ImageMatch “Export” File:

In order for the “ImageMatch to DP2” application to correctly send orders to DP2 from ImageMatch export files, you must make sure that the export file contains the DP2 product “Product ID” values that you wish to print.

| Product Data | | | | | |
|--------------|-------------|--------------|-----------|----------|----|
| | Product ID | Product Name | Category | Sequence | Gr |
| ▶ | 4_Wallets_P | 4 Wallets | Performer | 3 | |
| | 4x5_P | 4x5 | Performer | 2 | |
| | 5x7_P | 5x7 | Performer | 1 | |
| | 8x10_P | 8x10 | Performer | 0 | |

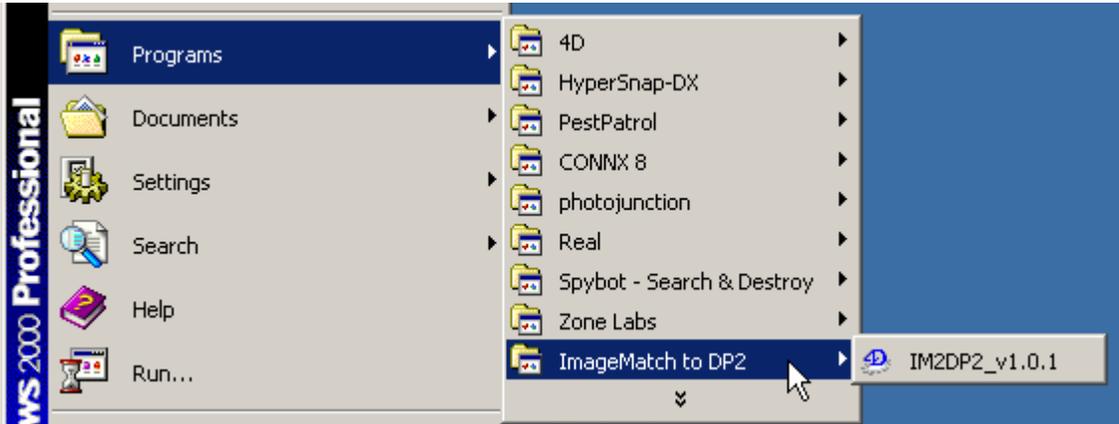
DP2 “Product Data” table showing “Product ID” field

It is the values shown in the “Product ID” column of the “Product Data” table that need to be used in the export file in order for DP2 to recognize the information being sent to it by the “ImageMatch to DP2” application.

Now that all of these setup configuration steps have been completed you are ready to launch the “ImageMatch to DP2” hot folder application and complete the final setup preferences.

ImageMatch to DP2 Hot Folder Setup:

To launch the “ImageMatch to DP2” application, click on the “Start” button in the bottom left corner of the Window OS desktop, and drag to “Start / Programs / ImageMatch to DP2 / IM2DP2_v1.x.x” icon and release the mouse. This will start the application.



“Start / Programs / ImageMatch to DP2 / IM2DP2_v1.x.x” launches the application

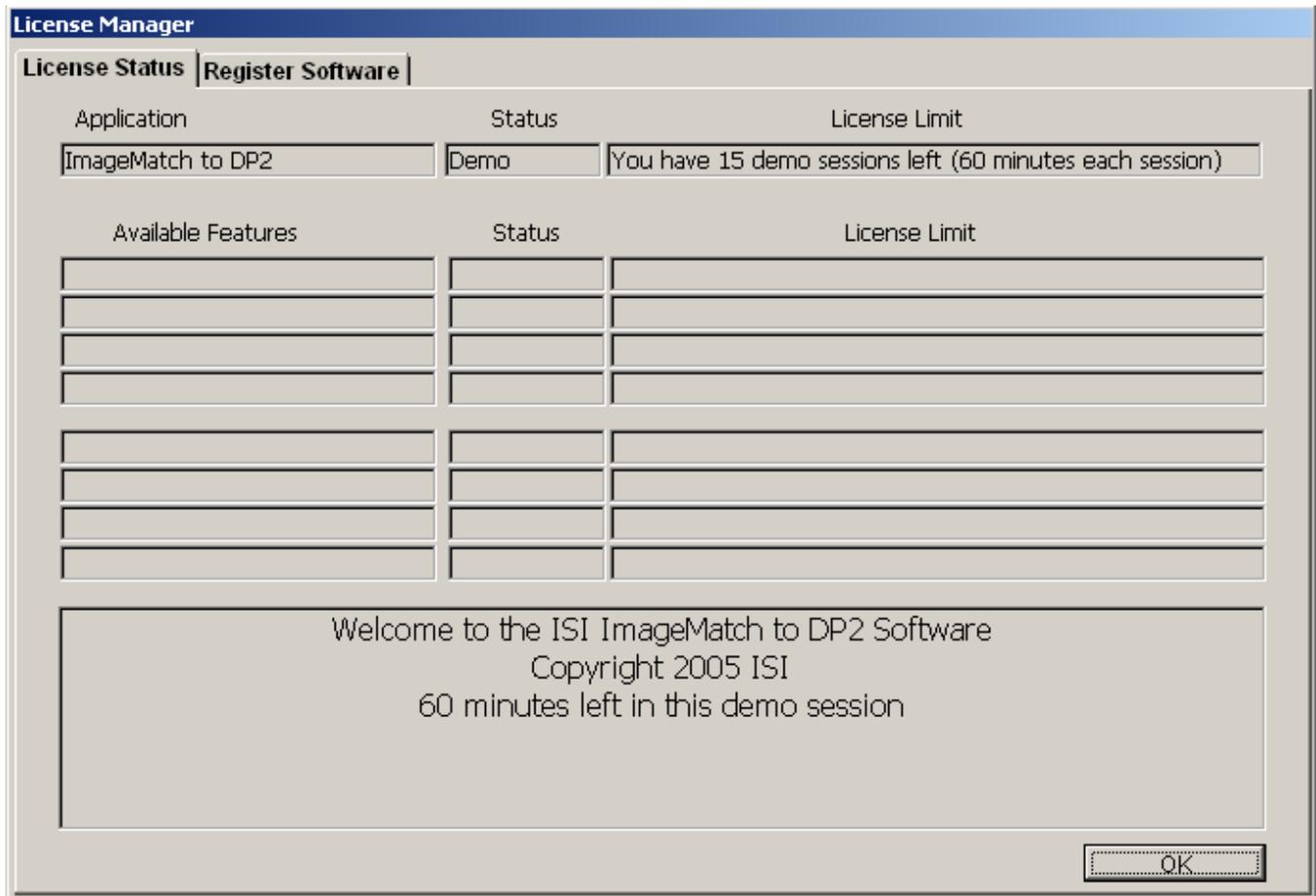
The first time “ImageMatch to DP2” launches after installation, it may take a few seconds before the main window is displayed, as certain default files are created.

If this is a demo or trial version of the software one of the first screens you will see is the alert that tells you how long you have remaining on the trial before the software expires.

Demo Version Startup

If this version of “ImageMatch to DP2” is a Demo version, it will launch 15 times and run for 60 minutes each time it is launched. At the end of each 60 minute session the application will shut down automatically. After 15 launches you will no longer be able to run the software until it is registered to a specific computer for a specific trial period, or is purchased and registered with an unlimited license key.

When the application starts up in **Demo** mode you will see the following screen:



“Demo License Manager screen, License Status tab”

The License Status tab will show the Application name, Status, and License Limit information. The screen above shows the information that will be displayed the first time you launch in Demo mode.

Click the OK button and “ImageMatch to DP2” application startup will continue.

Registering the Software

(You can skip this section for now, but it is here for your future reference, once the Demo period expires.)

If you decide to purchase the software or register it for a specific trial period, the license manager allows you to register the software on a specific workstation. To do so, click the “Register Software” tab and you will see the following screen.

License Manager

License Status **Register Software**

Contact Name Administrator

Company Name

Email Address

Customer Identifier B57-1790A-00150-20100-03687-0700A-790F0-36562-7D61

Copy Information To Clipboard Send Request to ISI Via Internet

Modify the information above, Click on 'Send Request to ISI Via Internet'
If not connected to internet copy information to clipboard
and paste into email to:
Register@ImpoSol.com

OK

“Register Software” tab of license manager

IMPORTANT: Please make sure that you are running the application on the workstation that you wish to register it for before you proceed with the information on the Register Software tab, as the Customer Identifier field data includes information related to the computer workstation.

Contact Name is the first field, and should contain the main contact person’s name from your company.

Company Name field is for entering the name of your company.

Email Address field is where you enter the email address that you wish to have the license key information sent to.

Once all the fields are completed, you have two options for sending the registration information to Impossible Solutions.

1. If you are connected to the internet and have outgoing access to the Web, you can click the “**Send Request to ISI Via Internet**” button. This will send an email to ISI with your registration information.
2. If you do not have internet access from this workstation, you can click the “Copy Information to Clipboard” button and then paste the information into a text document. Then move the text document to a workstation that does have internet access, copy the text into the body of an email, and send the email to Register@ImpoSol.com.

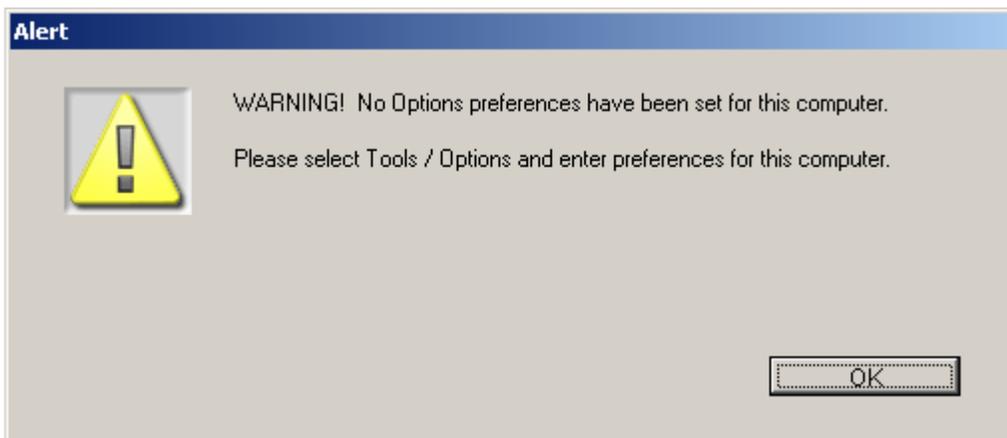
ISI will process the registration information and send you an email with an attached license key file and instructions as to where it should be placed in the application directory structure to activate your license.

This is a manual process at this time, so don't be surprised if it takes some time for the license file to be returned.

Starting the Application

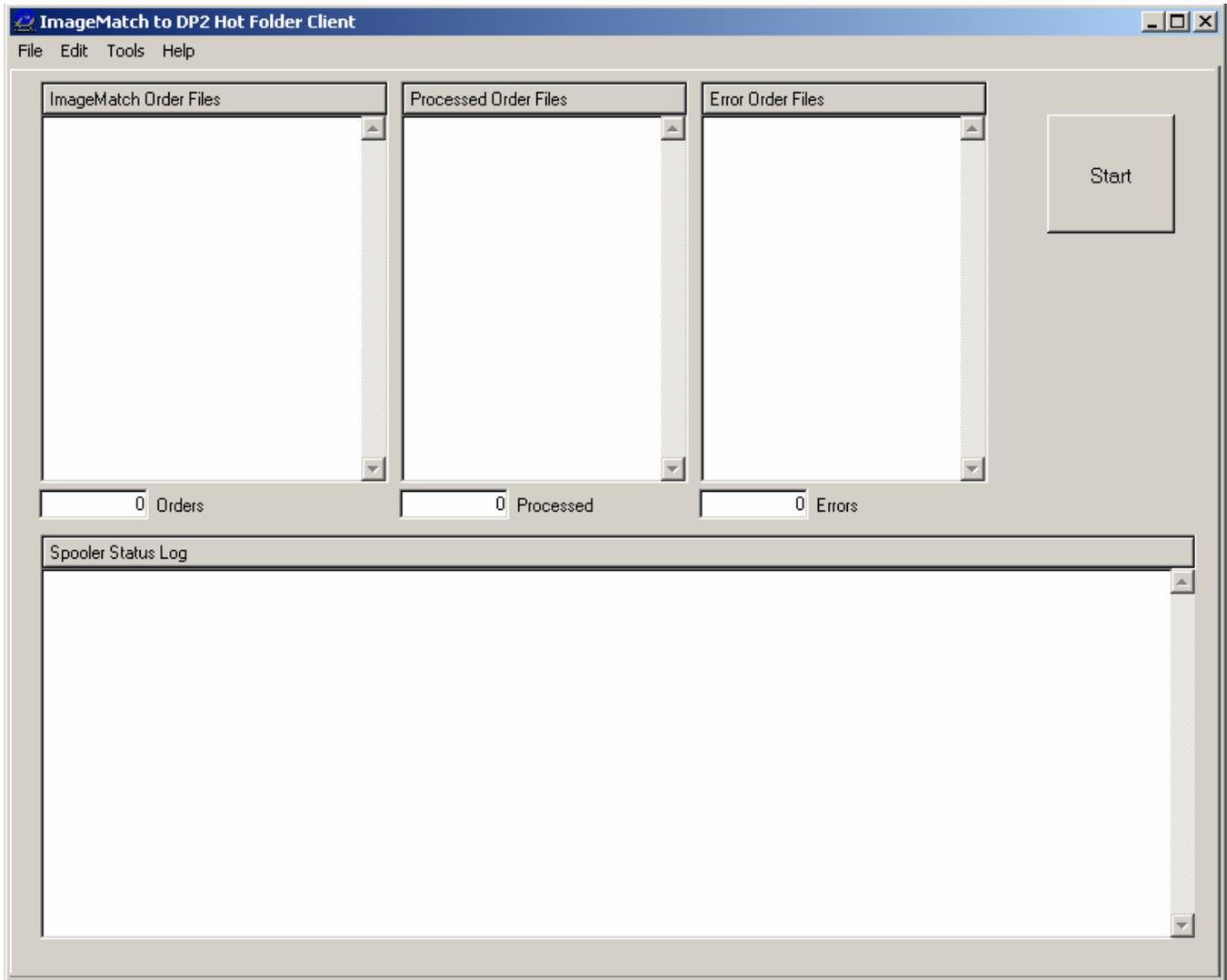
Once the License Manager window is closed, the application will continue the startup process.

When you start the “ImageMatch to DP2” application the first time you will see this alert message, which is letting you know there are some preferences that must be setup before running the application.



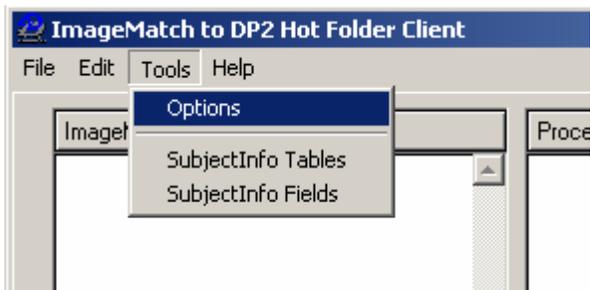
“Warning message” concerning missing preferences

Click the OK button and the main “ImageMatch to DP2” application window will open as shown below.



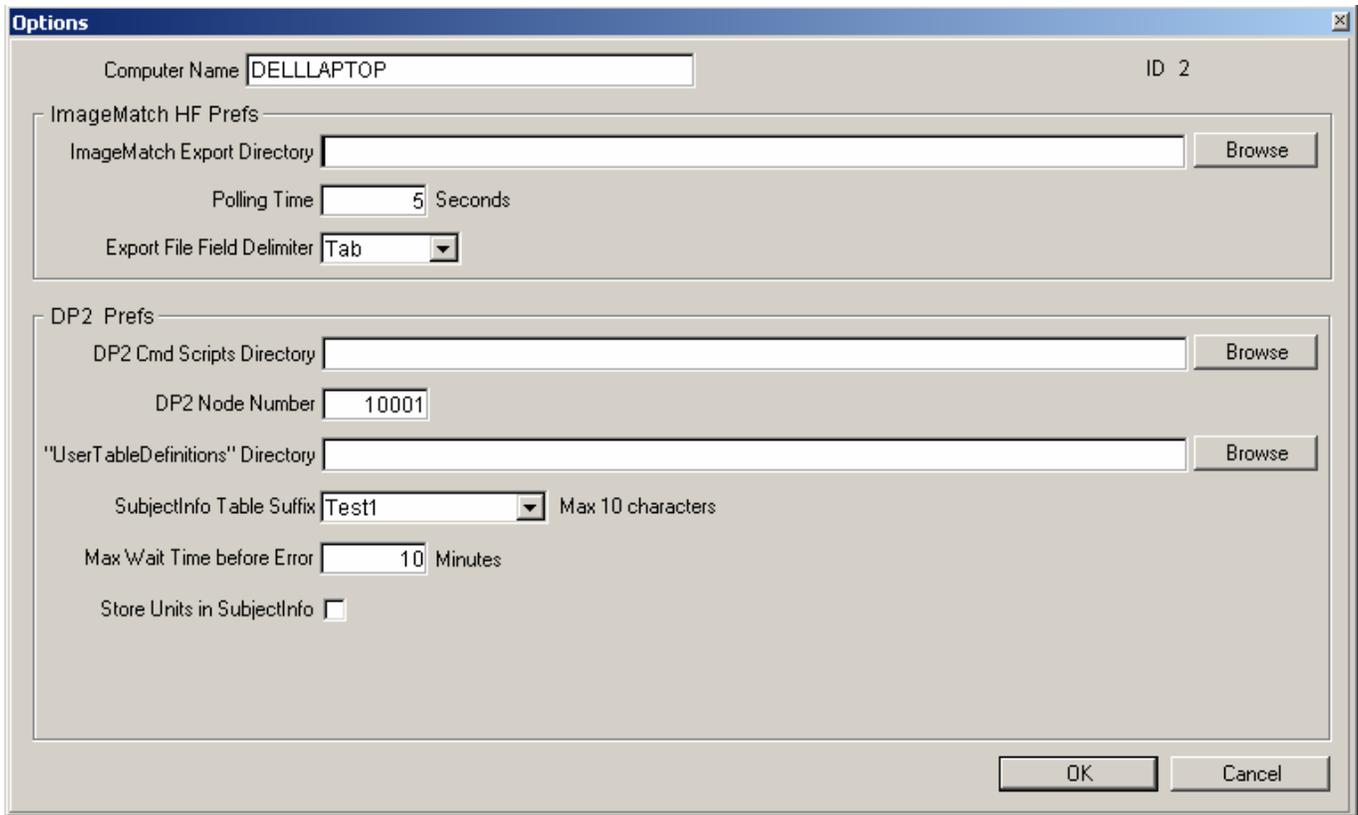
“ImageMatch to DP2 main application window”

Before you can begin processing any orders, you must first enter a few preferences.



“Tools / Options” menu bar item

Click on the “Tools” menu bar item shown above, and pull down to “Options” and release. This will open the Options dialog screen shown below.

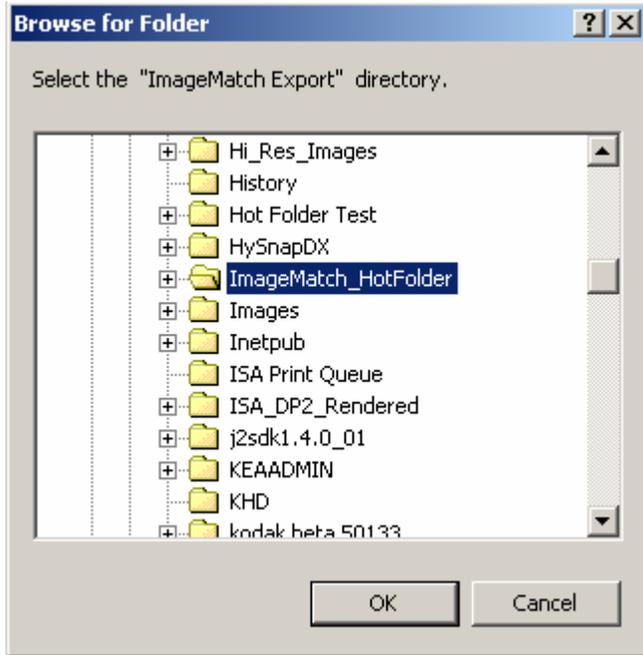


“Options” dialog window

The first preference to enter is the “ImageMatch Hot Folder”. This is the first directory you created in the directory creation setup. It is the directory that “ImageMatch to DP2” will be monitoring for the Order.txt files that are exported from ImageMatch software which are created from the orders received in the lab from photographers.

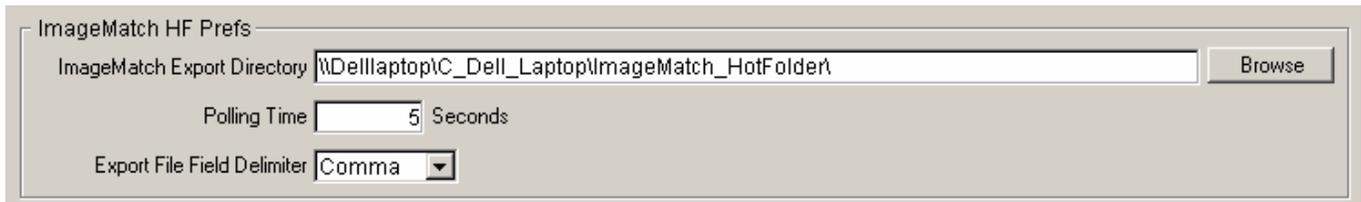
Click the Browse button to the right of this field, and explore to the directory.

This will open the “Browse for Folder” window.



“Browse for Folder” window

Select the “ImageMatch_Hot_Folder” that you created earlier and click the “OK” button, which will return you to the “Options” dialog window and pull the path that you selected into the “ImageMatch Hot Folder” path field.



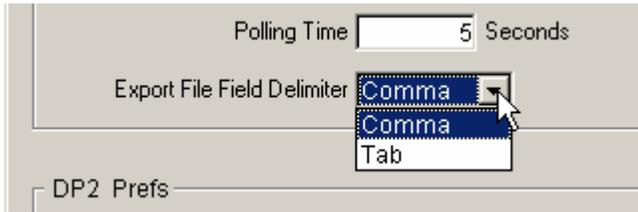
“ImageMatch Hot Folder” fields section of “Options” window.

The “Polling Time Seconds” field is set to a default delay time of 5 seconds, but you can adjust this from 1 to 999 seconds. This is the amount of delay that the application will pause between looking for Order.txt export files in the ImageMatch Hot Folder directory.

If you wish to change the setting from the default of 5 seconds, you can do this at any time.

Next, you will need to select the “Export File Field Delimiter” from the drop down list object. Currently the only two options are “Comma” or “Tab”. You will need to determine what field delimiter is being used in the ImageMatch export files and set this option to match what is being used. We are assuming that since the ImageMatch export is done in the lab, that you have control over what field delimiter is being used, but we wanted to give you the option to change it in our application, just in case it changes.

In our example we have chosen “Comma” as the field delimiter, as shown below.



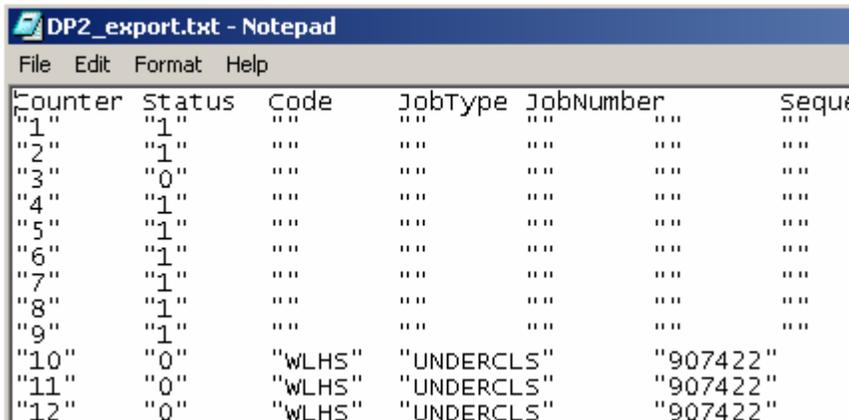
“Export File Field Delimiter” drop down list on “Options” window.

If you are unsure as to what is being used, simply open one of the export files in Notepad, WordPad, etc. and if the contents look something like the file below, it is a “Comma” field delimiter.



“Export File with Comma Field Delimiters”

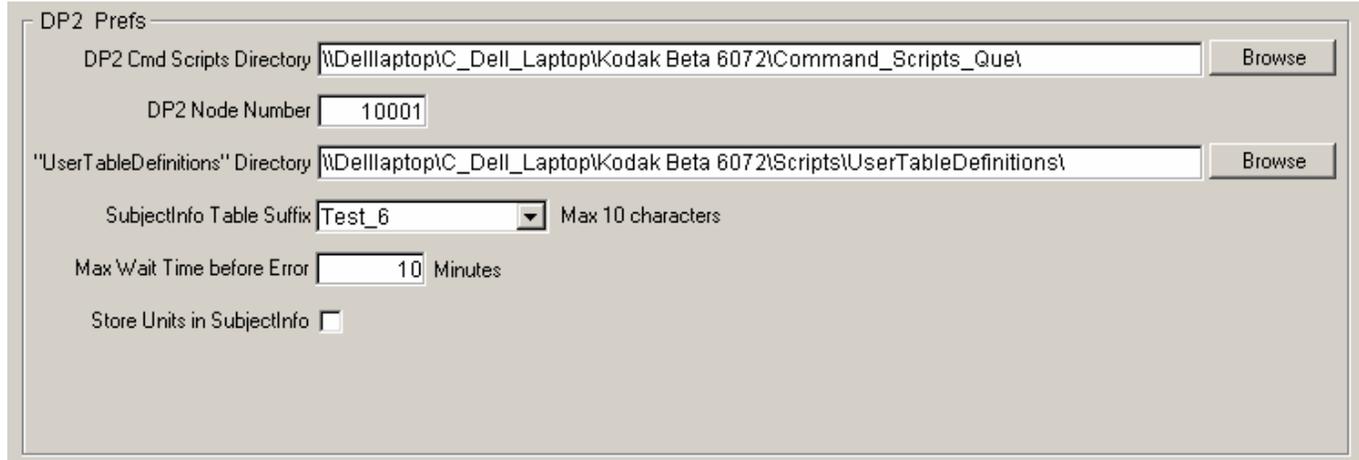
However, if the contents look something like the file below, it is a “Tab” field delimiter.



“Export File with Tab Field Delimiters”

If there are other delimiters used by ImageMatch, we will add them to the drop down list, but these are the most commonly used field delimiters, so that is why we included them in this initial version.

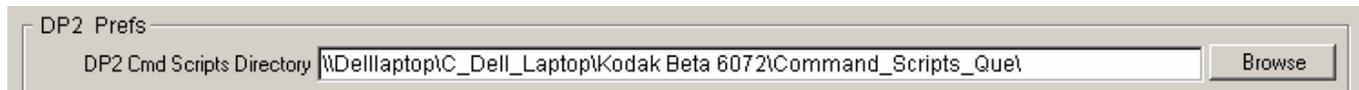
The next section of settings to enter are the “DP2 Preferences”.



“DP2 Preferences” fields section of “Options” window.

Next you will point to the second directory you created earlier, the “Command_Scripts_Que” directory that is in the DP2 Application directory if you followed our example.

Click the Browse button next to the path field and locate the directory in the “Browse for Folder” window, then select it, click the “OK” button, and the path will be pulled into this field.



“DP2 Cmd Scripts Directory” field on “Options” window.

The next field is the “DP2 Node Number” field. What this field is for, is telling the application the Node Number that you are using for the first Image Node in your DP2 layouts. This must be the same node number for all layouts that are going to be used to support orders coming from the “ImageMatch to DP2” hot folder application. The default setting is “10001” but can be modified at this time.



“DP2 Node Number” field on “Options” window.

The next field is the “UserTableDefinitions Directory”. This field is used to tell us the location of the directory inside the DP2 application directory on the DP2 Server computer that is labeled “UserTableDefinitions”. You will find this directory inside the DP2 application directory, inside the “Scripts” directory. In our test version of DP2 the path is as follows:

[“\\Delllaptop\C_Dell_Laptop\Kodak Beta 6072\Scripts\UserTableDefinitions\”](#)

VERY IMPORTANT: This path must point to the “UserTableDefinitions” directory on the DP2 Server.



DP2 “UserTableDefinitions Directory” field on “Options” window.

Of course we understand the location will vary depending on how you installed your copy of DP2. But if you find the “DP2.exe” application file, the “Scripts” directory will be in the same directory as the DP2.exe file. Then the “UserTableDefinitions” directory will be inside of it.

The path on your computer might be something like the following:

“C:\Eastman Kodak\KPro Applications\KPDP2\Scripts\UserTableDefinitions\”

Just make sure that if you have more than one version of DP2 installed on your computer that you point us to the “UserTableDefinitions” directory that is for the version of DP2 you will be using with the “ImageMatch to DP2” hot folder application.

The next option is the DP2 “SubjectInfo Table Suffix” field which is shown below.



DP2 “SubjectInfo Table Suffix” field on “Options” window.

This will have to set later, after some additional setup work is completed. However, this field is used to tell our application the custom DP2 SubjectInfo table name that you wish for us to use to store the Subject related data coming from the ImageMatch export file.

It is related to a list of Field names that you will enter to let “ImageMatch to DP2” know what field names you are allowing the photographers to choose as variable fields from one job to the next. This allows you to change the list of fields if you need to, but each different list of field names must be associated with a different Table Suffix name.

The reason for this is that the “ImageMatch to DP2” application creates the Table and its table definitions in DP2 automatically for you. But, DP2 does not allow the fields in a table to change once data is stored in that table. So we had to have a way for you to have different table definitions associated with a Table Suffix name, in case you needed to change tables from one job to the next.

The “SubjectInfo Table Suffix” gets combined with the prefix “SubjectInfo” to create the new table name in DP2 that will be associated with all Images on an order that have Subject related data associated with them.

For example:

If you use the suffix: “MyLab1”.

Then the new Table name in DP2 will be: “SubjectInfoMyLab1”.

This will be explained in further detail in the section that instructs you on how to setup the custom SubjectInfo Tables and Fields.

The next field on the Options screen is the “Max Wait Time before Error” field and is shown below.

A screenshot of a software interface showing a text input field. The text inside the field is "10" followed by the word "Minutes". The label "Max Wait Time before Error" is positioned to the left of the input field.

“Max Wait Time before Error” field on “Options” window.

This field tells the application how long to wait for DP2 to complete the entire process of creating all records associated with the OrderID on a single ImageMatch export file before reporting an error. IM2DP2 sends all the information in the export file to DP2 via the Commands Importer, and then monitors directories for evidence of whether or not an error occurred in DP2. However, to prevent an endless wait time that could lock up the application, IM2DP2 will stop waiting and report an error if the amount of time passes that is entered into this field.

So even though the process might be successful, but DP2 just took an exceptionally long time to process the order, IM2DP2 will report it as an error if 10 minutes and 1 second passes based on our example entry in this field. You can adjust this setting based on the performance of your computers and network for optimal performance.

The last field on the Options screen is the “Store Units in SubjectInfo” checkbox shown below.

A screenshot of a software interface showing a checkbox. The text "Store Units in SubjectInfo" is followed by an unchecked checkbox.

“Store Units in SubjectInfo” checkbox on “Options” window.

This field was added in version 1.1.6 due to the requests for different functionality from customers.

IM2DP2 always creates Order Item records for each U / QU pair of columns in the Detailed Units category of columns in the ImageMatch export file. However, prior to v1.1.6, IM2DP2 also created SubjectInfo table records for each of the Detailed Unit column pairs as well.

Starting with v1.1.6, if you do not want the Units stored in the custom SubjectInfo table, you simply leave this field unchecked.

If you wish to have the Detailed Unit columns stored in the custom SubjectInfo table, then you must check the “Store Units in SubjectInfo” checkbox. This will cause an additional field to display on the Options window as shown below.

A screenshot of a software interface showing two fields. The first is a checkbox labeled "Store Units in SubjectInfo" which is checked. The second is a text input field labeled "Max Unit Fields" with the value "42" entered.

“Store Units in SubjectInfo” checkbox checked

The additional field, “Max Unit Fields” defaults to 35 for backward compatibility, but can be set to any number in the range of 1 to 500. It is important to keep in mind that your DP2 database will have varying limitations on the maximum database record size depending on which database choice you have made, and you will encounter errors if you exceed that.

The only reason that you would need to store the Detailed Units in the SubjectInfo table is if you wish to use the “Create Order Items” option from the SubjectInfo list view to create additional OrderItems records for the same products after the import process has taken place.

IMPORTANT: If you choose to use this option with a custom SubjectInfo table name that previously did not contain the Detailed Unit columns, you will need to create a new custom SubjectInfo table record in the IM2DP2 database and give it a new name or you will encounter errors in DP2.

Starting with version 1.3.8, the maximum number of Detailed Unit column pairs that can be processed was increased from 250 to 500.

In versions 1.1.6 to 1.3.7, the maximum number of Detailed Unit column pairs that can be processed was 250. Prior to v1.1.6, if the export file contained more than 35 Detailed Unit column pairs, the additional columns were ignored. This was due to the original specifications provided to us by PhotoLynx.

Save your Entries:

Once all the Options fields have been completed, click the “OK” button at the bottom right corner of the screen to save your settings and return to the main application window.

CAUTION: If you click the “Cancel” button all of your entries will be lost and you will have to start over. However, once you save them by clicking the “OK” button, they will be stored and used each time an order is processed, until you change them.

Setting Up Custom SubjectInfo Tables:

If you are not familiar with how DP2 allows the user to setup custom SubjectInfo tables for importing Subject related data to be linked to Images records in an Order, then this portion of the setup may be a little confusing. However, it is very simple to do in the “ImageMatch to DP2” application. The process can be very confusing and time consuming if you do it manually in DP2, and that is why we have chosen to do most of the work for you “under the hood” so that you only have to do a little setup one time for each different table / field names setup you choose to offer your customers. Then by simply changing the “SubjectInfo Table Suffix” field on the Options screen, a completely different table gets created in DP2 with all the appropriate fields and field definitions automatically for you, and without even having to restart DP2.

A little background information:

In communicating with the programmer at Photolynx, the company that sells ImageMatch software, it was determined that there are certain fields that are always in the ImageMatch export file. There are also fields that can be turned on or off at the time you the user create the ImageMatch export file. Then there are some fields that can be added by the photographers and can vary from Order to Order.

According to Photolynx, the lab can restrict the fields that can be used by the photographers by providing them with a “DBdefault.txt” file which is found in the installed “Program Files\photolynx\camlynx\temp\” folder. The lab can modify this file to include just the fields they want the photographer to use.

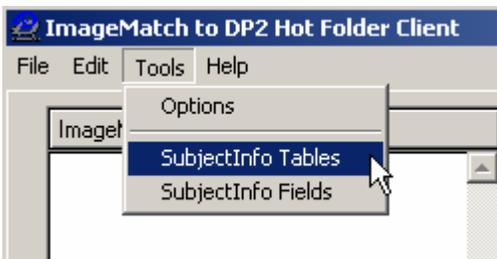
The “ImageMatch to DP2” application will automatically add the field names that are associated with the

checkboxes in the “Data To Export” section of the ImageMatch “DP2 Export” window. Those categories are as follows:

- Crop
 - Rotation
 - Color Adjustments
 - Detailed Units
 - Package String
 - Detailed Packages (Not used since the packages get broken down into Units)
- So it is only the variable fields that you choose to offer in addition to all of these categories that we need to know about in the database setup.

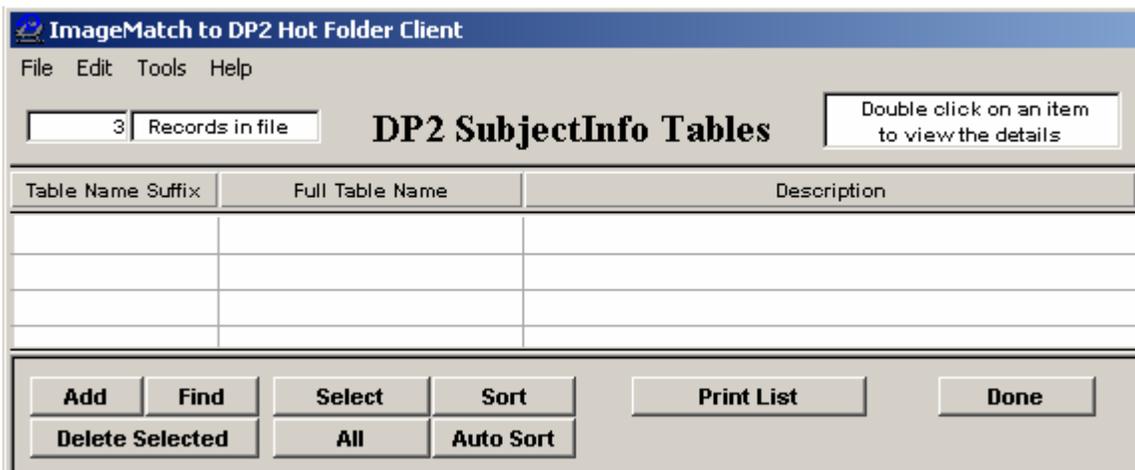
So that the fieldnames are not hard coded into the application, we have provided you with a simple database interface for you to create “DP2 SubjectInfo Tables” records as well as the associated “DP2 SubjectInfo Fields” records.

To create these records, from the application main window, click on the menu “Tools” and pull down to “SubjectInfo Tables” as shown below.



“Tools / SubjectInfo Tables” menu item.

This will open the list view of the “SubjectInfo Tables” table which will show you a blank list at this point since you have not created any records yet.



“SubjectInfo Tables” list view with no records.

DP2 SubjectInfo Table 3 of 3

ID 5

Table Name Suffix **Max 10 characters**

Full Table Name

Description

Field Names

| Field Name | Description |
|------------|-------------|
| | |
| | |
| | |
| | |

“SubjectInfo Table fields” on Input screen.

The first field to enter is the “Table Name Suffix”. This is the suffix string that will be added to the word “SubjectInfo” to create the table name in DP2. There is a limit of 10 characters for this Suffix, which is limitation required by DP2.

In our example we chose “Toco1” as the table name Suffix.

Tab out of the Suffix field by clicking on the “Tab” key on the keyboard. You will see that the “Full Table Name” has been automatically filled in by the application.

In our example, this results in “SubjectInfoToco1”.

The “Description” field is not required, but is provided as a way for you to have a way to keep track of what the different tables are used for, in case you end up with several different table configurations for different customers or different types of work coming into the lab.

Adding Field Names for the Table:

To add Field Names for the new “Toco1” Table, click the “Add” button on the left side of the Input window that is just under the words “Field Names” as shown below.

Description

Field Names

| Field Name |
|------------|
| |
| |
| |
| |

Add **Change** **Delete**

“Add Field Names Button” on Input screen

This will open the “SubjectInfo Fields” Input screen.

DP2 SubjectInfo Table Fields Entry

DP2 SubjectInfo Fields 0 of 0

ID 17
SubjectInfo Table ID 5

DP2 Table Name Suffix

Field Name

Description

First Prev Next Last Cancel Save

“SubjectInfo Fields Input” window

You will notice that the “DP2 Table Name Suffix” field has been filled in automatically.

We have entered the field name “FirstName” as our first record. The Description is left blank since “FirstName” is self explanatory.

Click the “Save” button and the record will be saved and you are returned to the “SubjectInfo Tables” Input form.

DP2 SubjectInfo Table 3 of 3

ID 1

Table Name Suffix Max 10 characters

Full Table Name

Description

Field Names

| | Field Name | Description |
|---------------|------------|-------------|
| Add | Address | |
| Change | City | |
| Delete | Custom1 | |
| | Custom2 | |
| | Father | |
| | FirstName | |
| | Grade | |
| | HomePhone | |
| | LastName | |
| | Mother | |
| | State | |
| | StudentID | |
| | Teacher | |
| | WorkPhone | |
| | Zip | |
| | | |
| | | |
| | | |

“Field Names List on Table Input form” after entering fields for our first Table.

The screen shot above shows more than the “FirstName” entry that we just saved. However, this is what it would look like after you have entered all the fields that you want associated with the SubjectInfo Table Suffix.

If you need to modify or change a Field name record, single click on the record in the list to highlight it, the click on the “Change” button. This will re-open the “SubjectInfo Fields” Input screen, and you can make your changes and then click the “Save” button to store the changes.

To Delete a record, highlight the record you wish to delete, and then click the “Delete” button.

When you are all done entering the Field Names for your first SubjectInfo Table, click the “Save” button in the bottom right corner of the form.

This will return you to the “SubjectInfo Tables” List view window and the new table name will be listed.

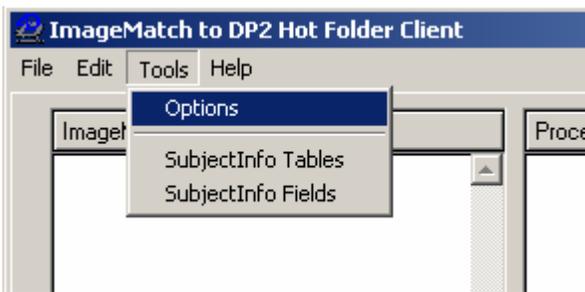
| 3 Records in file | | DP2 SubjectInfo Tables | | Double click on an item to view the details | |
|-------------------|------------------|----------------------------------|--|---|--|
| Table Name Suffix | Full Table Name | Description | | | |
| Toco1 | SubjectInfoToco1 | Main table setup for school jobs | | | |
| | | | | | |

“SubjectInfo Tables List View” after entering our first Table definition.

To return to the Main application window, click the “Done” button in the bottom right corner of the window.

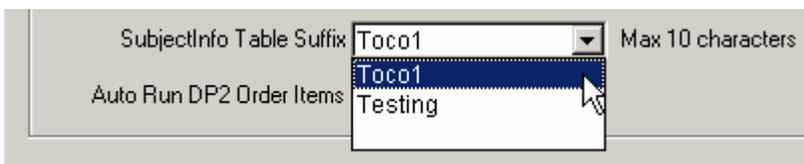
Select the new Table name on Options screen:

Now that we have our first SubjectInfo Table and associated Field names, we need to go back to the Tools / Options menu and open the Options input window.



“Tools / Options” menu bar item

On the Options window, click on the “SubjectInfo Table Suffix” drop down list and choose the new table name suffix from the list of choices.



“SubjectInfo Table Suffix drop down list”

In the example above we show two table names, “Toco1” and “Testing” just to show what it will look like when you have multiple tables set up in the database.

Once you select the Table Suffix for the table you want the application to use for sending Subject data into DP2, click the “Save” button and return to the main application window.

You have now completed all the setup work needed to begin testing your first order.

Working with the “ImageMatch to DP2” hot folder:

The “ImageMatch to DP2” application is designed to run as a Hot Folder application. That means that files get dropped in a folder and then everything from that point on is automatically processed without user intervention.

This means that the application is working blindly making decisions and taking actions based on a set of predefined rules, with the only variations being the preferences that can be modified by the user on the Options setup screen.

It is very important to remember this fact when operating a Hot Folder type application. You must follow the rules or things will start breaking.

Rules:

1. One of the rules or assumptions that have been made with “ImageMatch to DP2” is that the filename of the ImageMatch export file will be used as the OrderID in DP2. You can control the name of the export file by the name you enter in the “Data File Name” field on the “DP2 Export” window of the ImageMatch application.
2. “ImageMatch to DP2” will strip the extension off of the filename and use the filename without the extension as the OrderID in the Orders, OrderItems, Images, and SubjectInfo table records that it creates in the DP2 database.
3. The filename without the extension must be 31 characters or less and the resulting OrderID must be unique within the entire DP2 database of [Order Data] records, or DP2 will error out and the Order will not get added to the DP2 database.
4. In addition to the above rules, the filename of the export file cannot include any of the following characters that appear between the tildes:

Disallowed characters: ~, "^&*=<>?/\:()~

5. **DP2 must be running** while the “ImageMatch to DP2” spooler is running, and the “Commands Importer” must be running within DP2.
6. Any directory path preferences on the Options window should contain UNC paths.
Example:

Correct UNC Path: “[\\Delllaptop\C_Dell_Laptop\Kodak Beta 6072\Scripts\UserTableDefinitions\](#)”

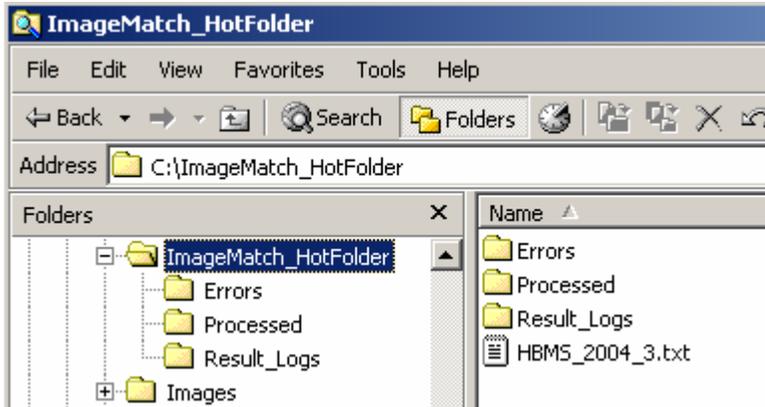
Incorrect Path: “C:\a href="#">Kodak Beta 6072\Scripts\UserTableDefinitions\”

Example Order:

We have taken a sample ImageMatch export file provided to us and modified the filename to use as our example Order.

It has been named “HBMS_2004_3.txt” and we have removed all but 5 records in the export file for simplicity.

We will drop the export file into the “ImageMatch_Hot_Folder” directory.



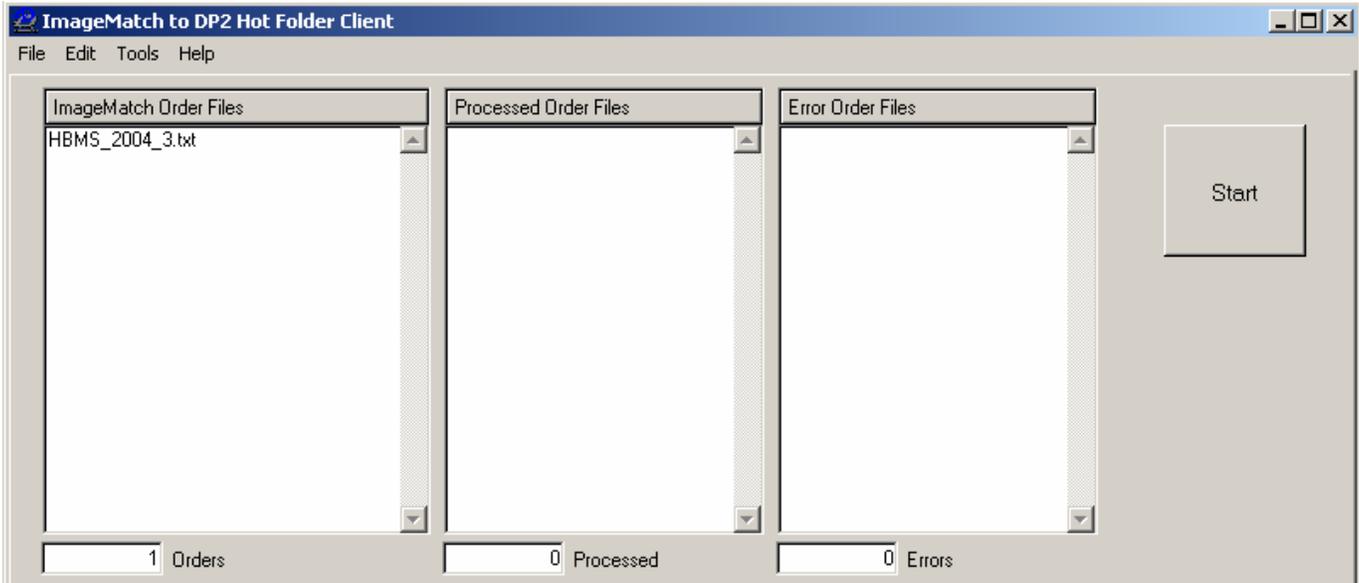
“Example Order file in ImageMatch_Hot_Folder”

You can see that we now have on file, “HBMS_2004_3.txt” in the directory labeled “ImageMatch_Hot_Folder”.

There are also 3 other directories that get created automatically by the application. They are “Errors”, “Processed”, and “Result_Logs”.

We will discuss these other directories later in this document.

When we drop the ImageMatch export file into the hot folder, it now shows up in the “ImageMatch Order Files” scrollable list on the main application window as shown below.



Top section of main application window.

The top section of the main application window now shows one order file in the “ImageMatch Order Files” scrollable window, indicating this order file is ready to be loaded. Also you will notice the number “1” in the “Orders” quantity field below the scrollable list, indicating that there is one export file currently in the hot folder waiting to be processed.

After you process some actual order files, if they are successfully parsed and sent to DP2, they will be moved to the “Processed Order Files” window. If an error occurs at any time while working with an order file, it gets sent to the “Error Order Files” window.

Both of these scrollable windows are linked to directories that get automatically created inside the “ImageMatch_Hot_Folder” directory along with a “Result_Logs” directory that contains a Result Log for every order that we process. In that Result Log are details about the processing of that order, in case an error occurs, you can then look at the Result log for that order to see what went wrong.

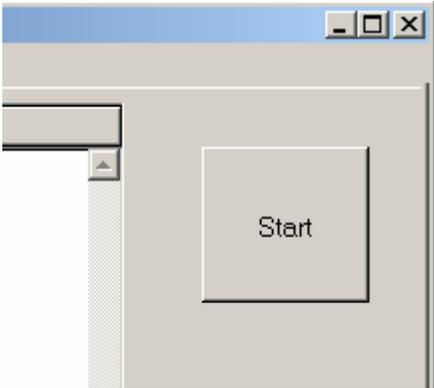
The filename of the Result Log is always the same as the Order.txt file but with the extension “.log”. This makes it easy to find the result log that goes with the Order.txt file in case an error does occur.

Starting the Hot Folder Spooler:

The “ImageMatch to DP2” application is currently running because the main window is open, however, the Hot Folder Spooler is not running yet.

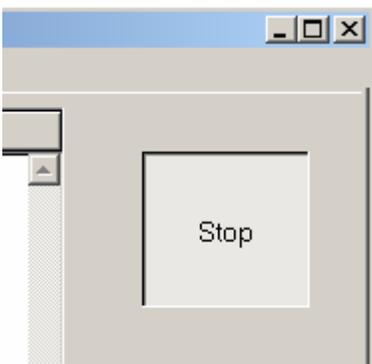
IMPORTANT: Make sure DP2 is running and the Commands Importer is running, before you start the Spooler.

To launch the “ImageMatch to DP2” automatic spooler that monitors the hot folder for Order.txt files coming from the ImageMatch software “DP2 Exporter”, simply click the big square “Start” button in the top right corner of the main application window.



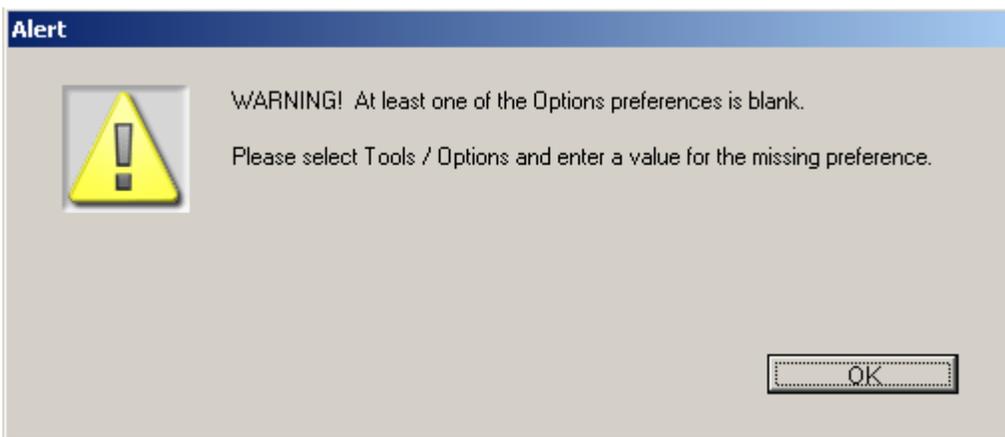
“Spooler Start button”

When you click the Start button, the button will be depressed and the name will change to “Stop”



“Spooler Stop button”

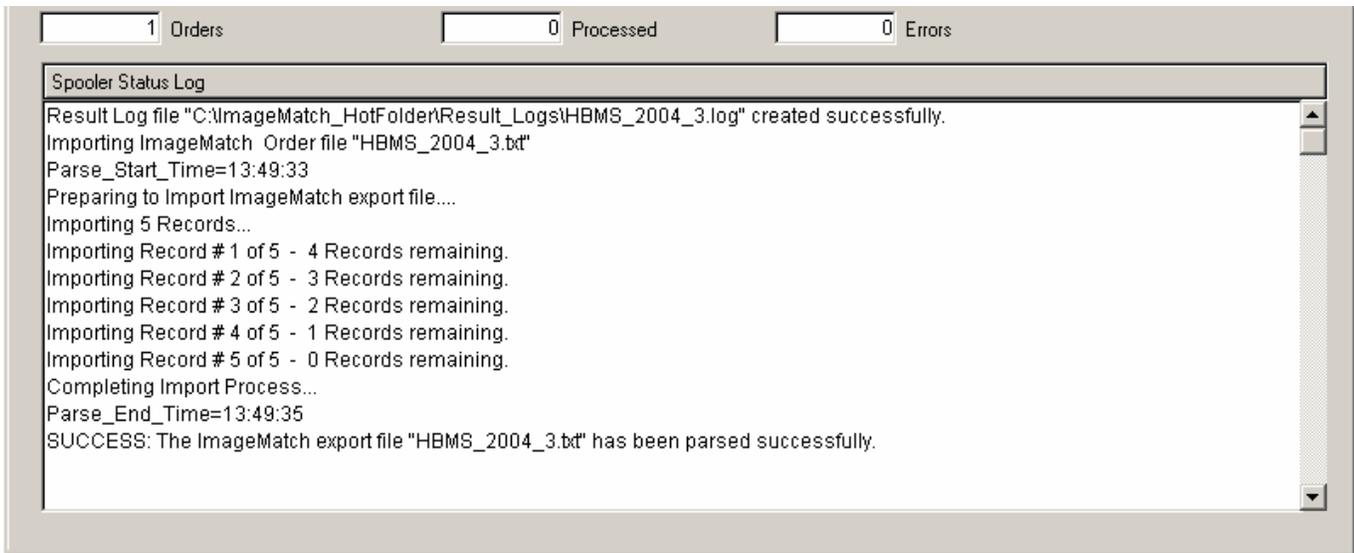
If you click the “Start” spooler button and there are any preference fields that do not have valid entries on the “Options” window, the follow message will be displayed.



“Missing Options preference Alert”

If you get this Alert, simply go to the Tools / Options menu, open the Options screen and enter the missing preferences, then return to the application main window and click the “Start” button again.

When you click the “Start” button, the spooler will start parsing the first order that is in the ImageMatch Hot Folder directory, and the status lines will be shown in the “Spooler Status Log” window at the bottom of the main application window as shown below.



“Spooler Status Log” section of the main application window

The application will continue to spool orders from this directory and send them to DP2 until the “Stop” button is clicked.

When you do click the “Stop” button, if the application is in the process of working with an order, the application will finish that order that is in process before stopping the spooler so that you don’t get a partial order sent to DP2.

When it is done with the order in process, a message will be displayed in the “Spooler Status Log” indicating that the “Hot Folder Spooler has been stopped by the user.”

Exiting the Application:

Whenever you wish to exit the application, simply click on the File menu bar item and pull down to “Exit”, or click the “Close Box” in the top right corner of the application window.



“File / Exit” menu bar item

Upgrading from a previous version:

If you have a previous version of “ImageMatch to DP2 Hot Folder” installed on your computer, and you are installing an upgrade or new version, the installer will create new directories for the new version and will add shortcuts for accessing the application files in your Start / Programs menu.

The installer will not delete the previous version so you will still have access to it in case there are any problems with the newer version. Once you are satisfied that the new version is running as you expect with no problems, you may choose to delete the old version as a matter of cleaning house.

Using existing Data File with New Version:

In order to prevent having to re-enter all of your preferences and your Custom SubjectInfo table records, there is a simple procedure for copying your data files for use in the new application directory.

In our example we will show upgrading from version 1.1.5 to 1.1.6, but the procedure will be the same no matter what version you have installed with the exception of the new name given to the data files.

The default location for installation of the IM2DP2 application files is in the following location:

“C:\Program Files\ImageMatch_to_DP2\”

Each version will have its own directory inside this path. Therefore, all the files for version 1.1.6 would be found in the following path:

“C:\Program Files\ImageMatch_to_DP2\IM2DP2_v1.1.6\”

IM2DP2 stores all preferences and database records in two files. The files will have the same name but different extensions.

Note: In order to see the extensions you will need your Folder Options / View preferences to have the “Hide file extensions for known file types” unchecked.

The data files for v1.1.6 would be the following two filenames:

IM2DP2_v116.4DD - The Data file

IM2DP2_v116.4DR - The Data Resource file

FYI: The reason for two files is that 4D, the development system used to create this application, is a cross platform compatible development shell which can run on Windows or Mac workstations depending on how the code is compiled. On Macs every file has a resource fork included in the same file, but on PCs this is not possible so the Resource file contains the same information that would be in the Resource fork of the Mac format file.

The data files that get installed by the installer are blank data files. So in order to replace the blank data files with your previous version data files, you simply copy the two files from the previous version application

directory and rename them to the new version name, then replace the blank data files with the renamed files.

So in our example, you would browse to the version 1.1.5 application directory:

“C:\Program Files\ImageMatch_to_DP2\IM2DP2_v1.1.5\”

Then copy the following two files:

IM2DP2_v115.4DD
IM2DP2_v115.4DR

It is advisable to paste them in a temporary location for renaming.

Rename them both to the following new names:

IM2DP2_v116.4DD
IM2DP2_v116.4DR

Now copy the two files and paste them into the new v1.1.6 application directory. If you have renamed the files correctly you will be prompted by the OS asking if you are sure you want to replace the files with the same name. You should click OK and the blank data files will be replaced by your current data that you have renamed.

The reason for renaming the files is that IM2DP2 will always look for a data file with the same name as the application file in the same directory on launch of the application by default. If it is not found, then it will prompt you for what data file to open. By renaming the files to match the new version of the application, it will avoid the confusion that might be caused by this and the potential problem of opening the wrong data file.

Support Contact Information:

If you have any questions about the “ImageMatch to DP2 Hot Folder” or need assistance during installation or configuration, please call or email Chuck Morris at Impossible Solutions, Inc.

Chuck Morris – President
Impossible Solutions, Inc.
Wk: 407-884-9666
Cell: 407-342-1300
Fax: 407-884-7352
Support@ImpoSol.com