

**“ImageMatch to DP2 Hot Folder”
“Auto Groups Module”
Reference Manual
Rev. 02.20.06**

Installation:

There are no additional installation procedures for the “Auto Groups” module features. The new features are installed as part of the “ImageMatch to DP2” installation if you purchased the “Auto Groups” add on module.

Overview:

The “Auto Groups” module is designed to allow the user to designate images as Groups that are added to the DP2 Images table by entering the string “Group” in a new “ImageType” column in the ImageMatch export file. This will cause the Image record to be stored differently than other individual images.

The images designated as Groups will have the “Teacher” column data saved as the “Roll” field in the DP2 Images record, and the “HomeRoom” column data saved as the “Frame” field.

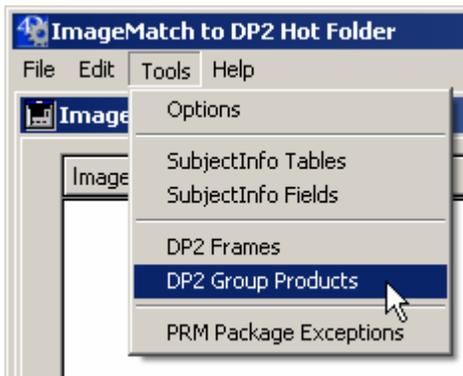
Also DP2 ProductID’s can be specified as “Group” products and the Order Items created by the IM2DP2 will be automatically populated with the correct Group image based on the subject’s “Teacher” and “HomeRoom” SubjectInfo columns data.

The Auto Groups module will check each DP2 ProductID that is ordered by a subject to see if it is a Group type product by looking up the ProductID in the new “DP2 Group Products” table in the IM2DP2 database.

If a matching record is found in the DP2 Group Product records, the ‘Product Type’ field will be checked to determine if the product is a “Group Only” or “Group & Individual” product. In addition the node number of the Group image in the product layout will be loaded from the ‘Group Image Node Number’ field.

New Menu Bar Item:

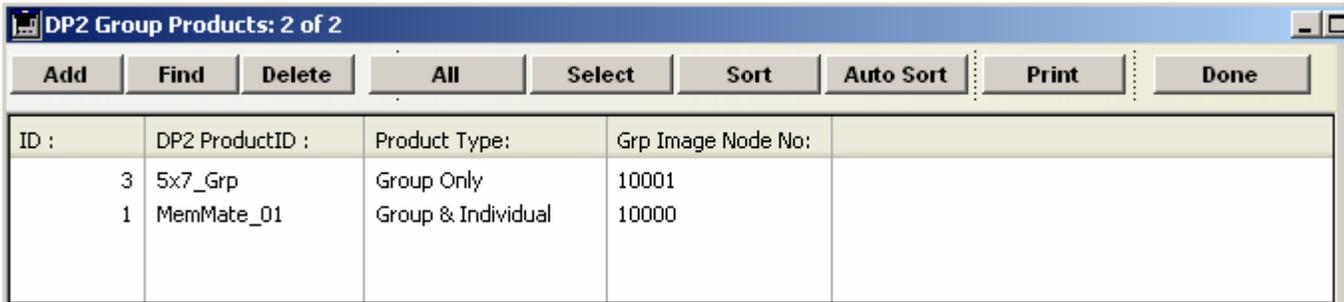
A new menu bar item has been added to the Tools menu.



“Tools / DP2 Group Products Menu”

Click on the Tools menu and you will see the new “DP2 Group Products” menu item.

When you select this menu item it will open the new “DP2 Group Products” table list view shown below.



ID :	DP2 ProductID :	Product Type:	Grp Image Node No:
3	5x7_Grp	Group Only	10001
1	MemMate_01	Group & Individual	10000

“DP2 Group Products table list view”

It is in this table that you will enter the Group Product data that will be used to add Group Images to your DP2 order items created by ImageMatch to DP2 with the Auto Groups module.

Fields in list view:

ID - Unique Identifier automatically created

DP2 ProductID

Product Type

Gpr Image Node No

The “ID” field is automatically entered with a unique identifier by the IM2DP2 application, and is only used internally for data integrity.

The “DP2 ProductID” field is where you will enter the DP2 ProductID for products that you wish to designate as Group type products. Spelling is critical so it is recommended that you copy the ProductID from the DP2 [Products] table Product ID field so that you do not insert spaces or incorrect characters.

The “Product Type” field is where you will designate whether the product is a “Group Only” or “Group & Individual” product type.

If there is only one image node in the product and that image is to be a Group Image, then you should select “Group Only” as the Product Type.

If there are two image nodes in the product and one is an Individual image and the other is to be a Group Image, then you should select “Group & Individual” as the Product Type.

The “Grp Image Node No” field is where you will enter the node number from the DP2 Product layout that you wish to have populated with the appropriate group image.

A screen shot of a Group & Individual type product in the DP2 Products window is shown below.



“Group & Individual” product in Product view

The same product above is shown below after being populated with the Group and Individual images.

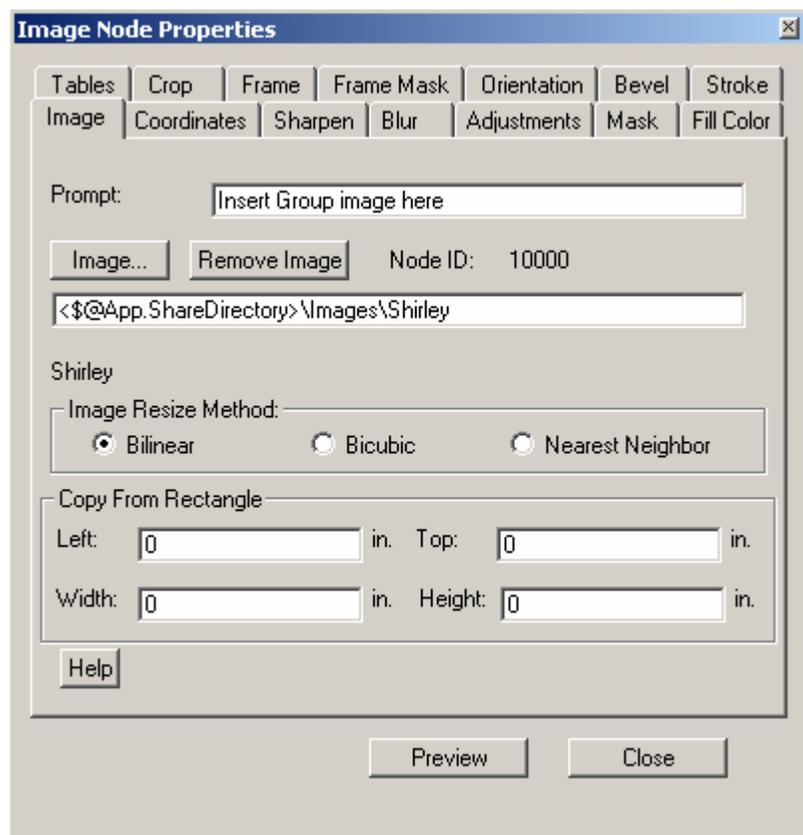


“Group & Individual” product in Order Items view



“Group Only” product in Order Items view

A screen shot of the DP2 “Image Node Properties” window is shown below with the “Image” tab selected.



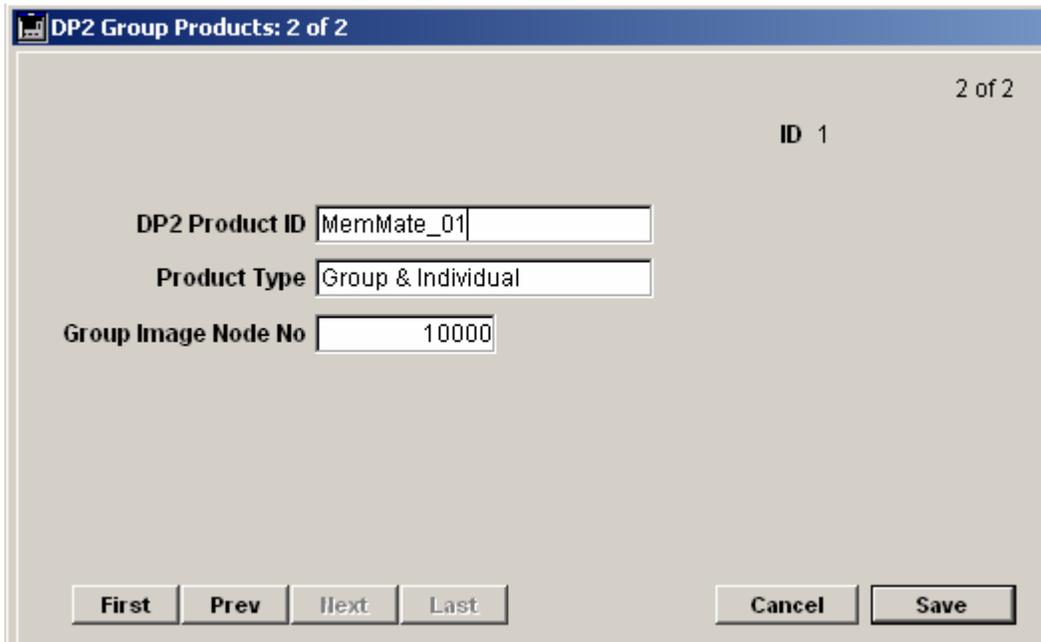
“Image tab” of DP2 Image Node Properties window

The “Grp Image Node No” field is where you will enter the Node ID from the image node that you wish to have populated by the appropriate group image based on Teacher and HomeRoom.

Adding Group Products records:

To add a new Group Product record, click the “Add” button that is located in the top left portion of the DP2 Group Products list view window.

This will open the “DP2 Group Products Input” window shown below.



DP2 Group Products: 2 of 2

2 of 2

ID 1

DP2 Product ID

Product Type

Group Image Node No

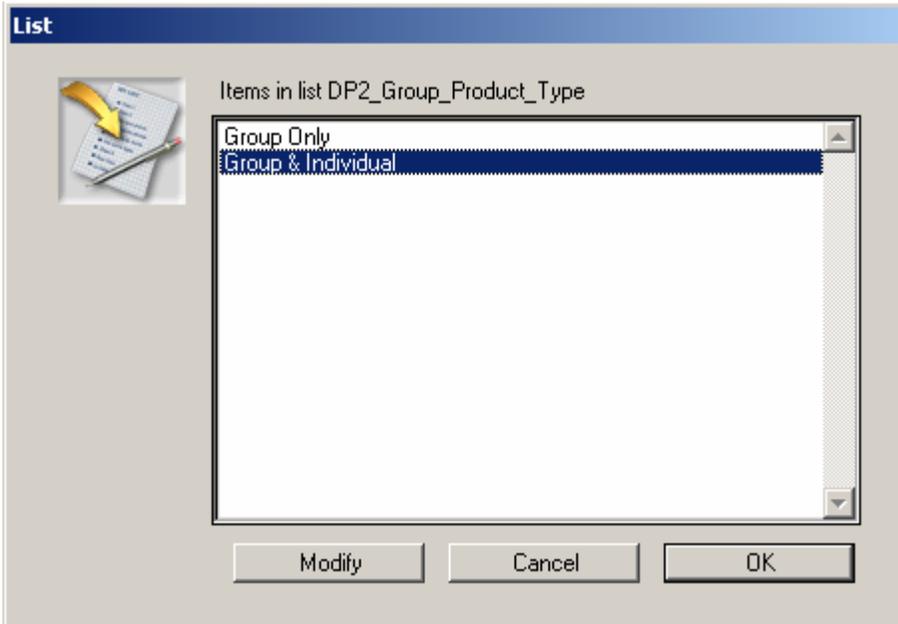
First Prev Next Last Cancel Save

“DP2 Group Products Input” window

Enter the “DP2 Product ID” for this record. In our example, we entered “MemMate_01”.

Next you will enter the “Product Type” field.

When you click in the “Product Type” field the “Group Product Type” list will open as shown below.



“DP2 Group Product Type List” window

Select the Product Type from the list and then click the OK button. This will populate the field with the type you selected. As you can see there are only two Group Product Types.

The last field to enter is the “Group Image Node No” field.

Enter the Node ID for the image node in the product layout that is to be populated with the group image.

Once you have completed the data for this record, click the “Save” button to save the record.

This will return you to the list view of the table, and you can repeat the process to add additional DP2 Group Product records.

If you wish to modify an existing record, simply double click on the item in the list view and this will open the Input view of that record, and you can make any modifications and then save your changes by clicking the Save button.

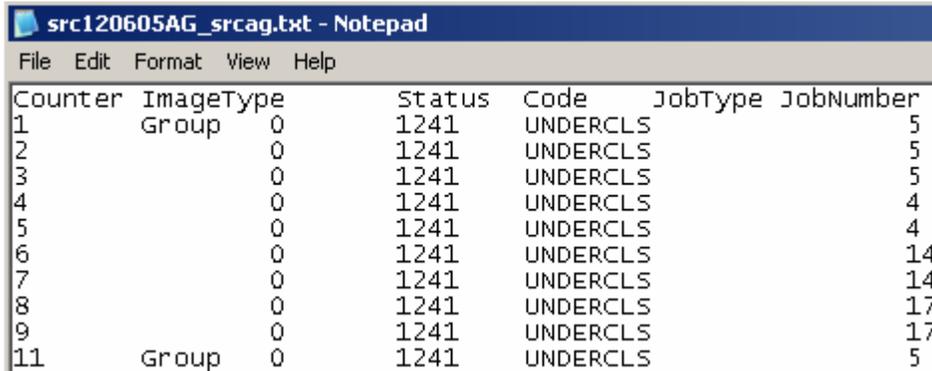
To return to the application main window, simply click on the “Done” button in the top right portion of the list view window.

We recommend starting out with just a few entries to do your initial testing, and then once you are familiar with the entire process and how it works, then you can continue entering the remaining Group Products records.

New ImageMatch Export Column:

In order for the Auto Groups module to function correctly, it is the user's responsibility to make sure that a new custom column is added to your Image Match export file.

The new column name must be "ImageType". This is hard coded and cannot be changed.



The screenshot shows a Notepad window titled "src120605AG_srcag.txt - Notepad". The window contains a table with the following data:

Counter	ImageType	Status	Code	JobType	JobNumber
1		1241	UNDERCLS		5
2	Group	1241	UNDERCLS		5
3		1241	UNDERCLS		5
4		1241	UNDERCLS		4
5		1241	UNDERCLS		4
6		1241	UNDERCLS		14
7		1241	UNDERCLS		14
8		1241	UNDERCLS		17
9		1241	UNDERCLS		17
11	Group	1241	UNDERCLS		5

"IM Export file with new ImageType column"

In order for IM2DP2 to know if an image is to be saved as a Group image, the ImageType column must contain the string "Group".

This will flag IM2DP2 to save this image in the DP2 Images table using the Teacher column entry for the Roll field and the HomeRoom column entry for the Frame field.

IMPORTANT: All records in the ImageMatch export file must contain data in the Teacher and HomeRoom columns in order for the Auto Groups module to function properly.

Also, any records that are designated as Group in the ImageType field must have not data in the "Packages" column.

This means that there should be an extra row of data for every unique Group image that is to be used in Group type products for a specific order. Getting this data in the ImageMatch export file is the responsibility of the user.

IM2DP2 inserts a macro in the "IFile" keyword string for the node that is specified as the Group Image Node No in the Group Products table. An example of this macro is shown below:

```
Ifile: ~<${@Image.PathOfOrderRollFrame['src120605AG','Douglas','Douglas']}>~
```

This macro looks up the correct Group image by querying the Images table for the image Path based on the Order, Roll, and Frame where the Roll equals the SubjectInfo "Teacher" column and the Frame equals the "HomeRoom" column for the Subject the OrderItem is ordered for.

By including the "@" sign in the macro, the macro does not get expanded until render time. As a result, the Group Images record does not have to exist before the Order Item record is created.

Group Products Must be in PRM file:

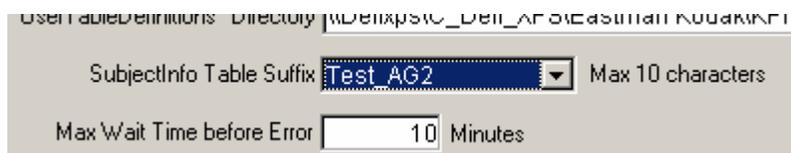
In order for the Auto Groups module to function correctly, any products that are added as Group products must be included in Package definitions within the Image Match PRM files.

New SubjectInfo Table in IM2P2:

Due to the fact that a new column is being added to the ImageMatch export file, the “ImageType” column, this new column must also get added to the custom SubjectInfo tables that are created in DP2 in order for the data to get stored in DP2.

This requires that you create a new “SubjectInfo Table” record in the IM2DP2 database.

After creating the new “SubjectInfo Table” record in the IM2DP2 database, then you must select the new Table name in the “SubjectInfo Table Suffix” field drop down list on the Options screen of the IM2DP2 application before running ImageMatch export files with the new column.



“SubjectInfo Table Suffix drop down field”

Once you have modified your ImageMatch export file, entered the Group Products records, created a new SubjectInfo Tables record, and selected the new SubjectInfo Table Suffix on the Options window, you are ready to test the new “Auto Groups” functionality by placing the export file in the “ImageMatch Export Directory” that our application is monitoring for new orders to be processed.

Once the order is processed into DP2, you will be able to see your Order Items with Groups added as shown below.



“DP2 Order Items with groups added”

In our example order, you can see that there is one “Group Only” product, “5x7_Grp”, and one “Group & Individual” product, “MemMate_01”.

Once you have tested this new feature, you are ready to continue adding additional “DP2 Groups” records and perform further testing.

Important Note:

It is advisable to test each new Group product with every package that it will be ordered from in the ImageMatch export file before running production work for your customers.

Module Requirements:

1. ImageMatch export files must include a new custom column and it must be labeled “ImageType”.
2. Images that are to be saved as group images must have the string “Group” in the ImageType field of the ImageMatch export file.
3. The “Teacher” and “HomeRoom” columns of the ImageMatch export file must have valid data in all rows of the export file.
4. The “Packages” column must be blank for Group Image rows of the IM Export file.
5. DP2 Group Products records must be created in the IM2DP2 database for all products that are to be designated as Group products and automatically be populated.
6. A new SubjectInfo Tables record must be created in the IM2DP2 database and selected in the Options screen in order for all new SubjectInfo records to be created using the new table with the added “ImageType” field.

Support Contact Information:

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

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