G L U O N
XPressImage v1.5

MULTI-FORMAT PICTURE EXPORT FOR QUARKXPRESS PAGES

XPressImage INSTRUCTIONS

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Preparation

IMPORTANT: FIRST REMOVE ANY OLD VERSIONS OF XPRESSIMAGE AS THIS MAY CAUSE CONFLICTS IN QUARKXPRESS!

Installation—READ THIS BEFORE USING!!!

Unless using a **demo version**, activate *any GLUON* by launching the **GLUON Activator**, provided. Place all GLUON Xtensions in the XTension folder inside the QuarkXPress folder or in the QuarkXPress folder itself. This process must be repeated for each machine upon which you want to use GLUONS. Once you have activated a machine for one GLUON, this machine will run all GLUONS so you do not need to repeat the process when you get new GLUONS. **IMPORTANT: GLUONS will not operate if the above activation procedure is not followed! Please keep the GLUON Activator in a safe place as it is our small piracy deterrent. Also, you may need it again if the System or QuarkXPress is reinstalled.**

USING GLUON XPressImage™

The GLUONS Menu

When GLUON ProScale is present, XPressImage's functions are accessed through the GLUON Menu which appears on the right side of the menu bar. Otherwise it may be found in the Utilities Menu.

Using XPressImage

XPressImage is used in any instance where you might need a QuarkXPress page or element to become a picture element. Because you can specify one of many formats, color models, scale and resolution, the uses for XPressImage are endless. Whether you need to create Web or Print ready graphics, presentations or multimedia applications, or something which can then be modified in any paint program, right out of QuarkXPress, XPressImage is a great solution.

Example #1 of Use: Create a set of banners for your web site. First create a document to the size of your banner. Place items on master page. Change banner info on document pages. Export document as GIF or JPEGs.

Example #2 of Use: Create a slide show presentation. First create a document to the size of your slides. Place items on master page. Change slide info on document pages. Export document as PICTs. Run Presenter in Folder with PICTs.

> **XPressImage needs RAM and disk space!!!**
> If you plan on exporting full pages at higher than 72 DPI, you need to give XPressImage the RAM it needs. Once you enter into the realm of hi-res bitmap graphics, you leave the efficient realm of postscript and vectors behind. In other words, if you don't have the RAM, you can't create the file. For instance, an 8.5" x 11" CMYK TIFF at 300 DPI could easily occupy more than 40 Megs of RAM. On top of that, QuarkXPress and XPressImage need extra room to operate so don't skimp on RAM or disk space or you could experience problems. Reduce scale or DPI if necessary.
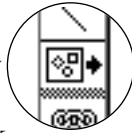
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4 METHODS OF USING XPRESSIMAGE

Method 1) Use **XPressImage** as a powerful batch processor capable of converting hundreds of documents at once. Either use the batch button in the dialog or set a hot folder which when documents are dropped into it they will be processed automatically.

Method 2) Export pages from your current document or a selection from that document such as a chart.

Method 3) Use AppleScript to pass file names to XpressImage for processing.

Method 4) Use the XPressImage **Export Tool** on the tool palette. Simply select an area you want to crop out and when you get it where you want it, click outside the rectangle. You will hear a camera click and the dialog will appear with your selection in the preview area.

Document

Export all pages in the document.

Pages from/to

Export page range. Use + before page numbers to get absolute page numbers as seen in the document layout. You can also use the word 'end' to export from start page to end of document.

Selection

Export rectangular area containing currently selected item or items.

Pages

When exporting in page mode (not selection), this will cause pictures to be generated for each *page* in the output range.
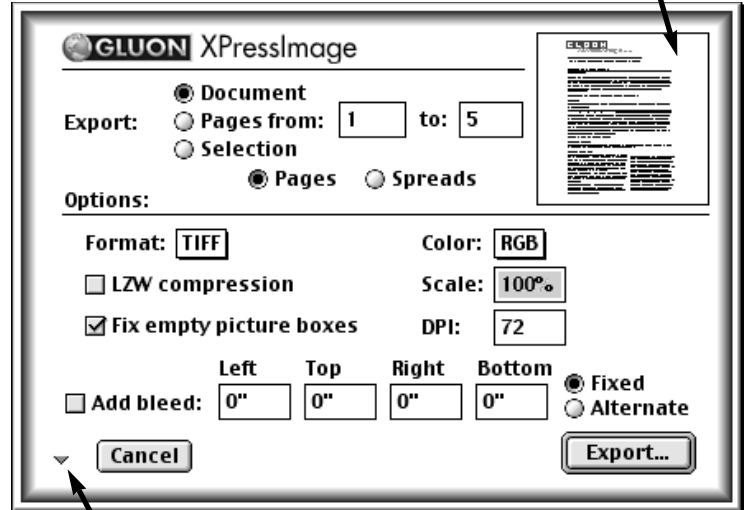
Spreads

When exporting in page mode (not selection), this will cause pictures to be generated for each *spread* in the output range.

Name Page numbers

If you want file names to start with a page number then select Prefix. If you want names to end with page numbers choose suffix. To have these numbers based on QuarkXPress section numbers check the **Use section #'s** option. Otherwise, page numbers will be based on sequential order, i.e. 001, 002, 003...
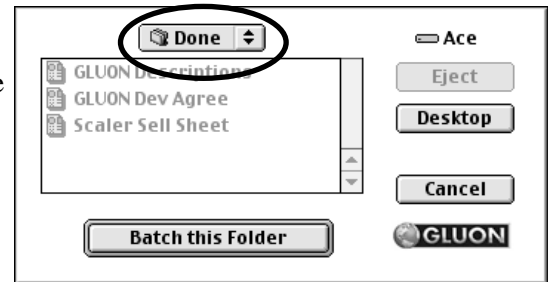
Picture preview area — A preview of your export will appear here. When exporting spreads, they can become significantly reduced.

XPressImage **DialogToggler—** Click on this to reveal many more settings including automation features and batch processing.

Select Output Folder… Will bring up the dialog to the right. Go inside the folder you wish to select so that it's name appears in the pop-up at the top of the dialog and then hit **Use This Folder**. You will then see this name appear in the colored area below the button. Each time QuarkXPress is launched, XPressImage will try to find this folder. If it can't you will have to reselect the folder. When an output folder is selected, all pictures will save to that folder. When one is not selected, pictures will be saved to the document's folder. To deselect a folder, hit the **Select Output Folder…** button and then hit Cancel.

Options

Format

Use this pop-up menu to select one of the many formats available. Certain formats may bring up further options such as LZW compression for TIFFs or various options for EPS export. Currently supported formats are:

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LZW Compression
Will cause all TIFF files to be compressed upon output using the popular LZW method.

Interlace
Will cause all GIF files to be created in interlace mode.

Scale
Enlarge or reduce pictures upon output. Errors can occur

TIFF	Targa
PICT	Scitex
JPEG	PNG
GIF	PCX
PMP	Amiga ILBM
PDF bitmap	Various EPS formats
EPS bitmap	(See EPS Options)

when trying to scale to huge sizes or tiny, senseless sizes.

DPI (Dots Per Inch) or Resolution
Set the desired DPI for you pictures here. To convert from dpi (inches) to dpc (cm) divide by 2.54. Be careful when setting a high dpi as this can cause files to balloon very rapidly, especially CMYK and or when scaling upwards.

Color
Use this pop-up menu to select one of the 5 Color Models: RGB, CMYK, Indexed Color, Grayscale and Bitmap.

EPS Options

Format: EPS Mac Color
Data: Binary
OPI: Include Images

When any of the EPS output types are selected below the divider line in the Format Menu, two additional menus become available. These should allow you to tailor the EPS output to your needs.
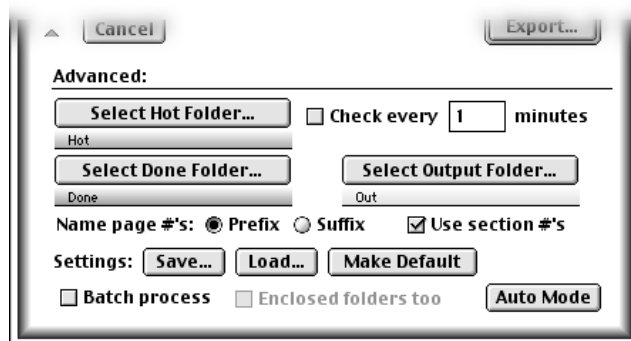
Add Bleed
When this is checked, the amounts specified will be added to the imaged rectangle. Anything falling within this rectangle will be captured. Using negative numbers will cause the imaged area to be cropped by that amount. Use any QuarkXPress measuring units to set bleed.

Fixing Empty Picture Boxes

In QuarkXPress 3.x, to avoid seeing a big X in empty picture boxes, check this option in the dialog box. XPressImage will automatically place blank images into empty picture boxes. If this is not checked, then the X's will appear. In QuarkXPress 4.x we recommend setting Content to None for such boxes. Otherwise importing the 'blank' image could cause distortion of bezier type boxes.

XPressImage Advanced Settings— When you click the dialog toggler this area appears with more user choices. **Click the toggler to collapse the window back to normal size.**

Automation

Select Hot Folder…
Select Done Folder…
See above on how to use the folder selection dialog The Hot folder designated here will be checked as often as you specify in the field to the right. When QuarkXPress documents are found in this folder they are immediately processed. Once a document is processed it is moved to the Done folder. Pictures can be saved to the Output folder if desired. To turn this feature on or off, use the **Check every…** check box or hit the **Auto Mode** button which will also close the dialog.

NOTE: The Hot Folder only works when QuarkXPress is running (though it doesn't need to be in front). For more powerful batching techniques such as cross-network or multi-source, we recommend using the built-in AppleScript commands (see below).

WARNING: When batching in 3.x QuarkXPress, make sure not to include a 4.x document in the batch or hot folder. This will cause a crash.

Batch process
When this is selected, you will be asked to locate a folder of QuarkXPress files to process upon hitting **Export.**

Enclosed folders too
When batch processing with this feature, XPressImage will process all QuarkXPress files within folders below the level you start on.

Save Settings
Saves out current dialog settings.

Load Settings
Loads previously saved settings.

Make Default
Will make current settings the default settings

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Using AppleScript™ with XPressImage

Another powerful method of automation is now available for XPressImage using AppleScript. You can create scripts in the Script Editor which can overcome some of the native hot folder limitations of XPressImage. Using the example scripts provided, anyone familiar with AppleScript should be able to set up a watch folder which will work across servers or the network. The basic calls are as follows:

To load settings first make sure you have saved a settings file (or several) with the right name in the *QuarkXPress* folder then use the following AppleScript:

Settings: [Save...]

tell application "QuarkXPress™"
    activate
    GLUON XpressImage Settings "GIF Settings"
end tell

To export all pages in the current document to the out folder:

tell application "QuarkXPress™"
    activate
    GLUON XpressImage "all"
end tell

    or:
    GLUON XpressImage "1-end"

    or:
    GLUON XpressImage ""

To export a list of pages:

tell application "QuarkXPress™"
    activate
    GLUON XpressImage "1,3,5-7,10-end"
end tell

Pages 1,3,5,6,7 and 10 on will be exported to the out folder—if there is one selected. Otherwise, they will go to the place where the document opens from.

Now put it all together:

tell application "QuarkXPress™"
    activate
    GLUON XpressImage Settings "GIF Settings"
    GLUON XpressImage "1,3"
    GLUON XpressImage Settings "JPEG Settings"
    GLUON XpressImage "9,12-end"
end tell

How to Maximize Image Quality

First set QuarkXPress Application Prefs

In the Display section of QuarkXPress's Application Preferences make sure you set Color TIFFs to 32-bit and Grayscale to 256 levels of gray. This will increase your chance of getting the result you desire from XPressImage.

Use Adobe® ATM properly

Make sure you are running a current version of Adobe Type Manager (ATM) and set its preferences to 'Smooth font edges on screen' *on*. This will ensure that your type is nice and smooth at any resolution.

Watch out for Vector Art

Because XPressImage does not rasterize vector art such as that produced by Adobe Illustrator® or MacroMind's Freehand®, you may need to first do so in a postscript rasterizing program such as Adobe PhotoShop®. If you don't do this first, the quality will be limited to what you see on screen. For those programs that allow, try to boost the quality of preview by adjusting your Saving Preferences. We intend to add rasterizing capabilities in the future.

Use Enhance Preview XT

Another way to get a better result from XPressImage is to use an XTension called Enhance Preview XT from Koyosha Graphics of America, Inc. This XTension makes all of your previews in QuarkXPress crisp and clear at any magnification and is a real pleasure to use. It also can significantly improve the quality of images produced by XPressImage. Find out more about this product at: **www.koyosha.com/xt**.

Watch out for JPEG compression

Only use as much compression as you need when exporting JPEG's. If your page doesn't have a lot of photo's on it and is mostly type, try using GIF instead of JPEG. Use JPEG for photo-intensive work.

Troubleshooting

XPressImage doesn't appear in menu
Make sure you run Activator, place only the
XTension in the XTension folder (in QuarkXPress's
folder) and that you didn't put it in the wrong
QuarkXPress folder if you have more than one copy
of QuarkXPress on your drive.

Batch processing doesn't work across the network
Copy QuarkXPress files to a local drive or try using
the AppleScript options.

Some artwork looks jagged and bitmapped
See Maximizing Image Quality section above. If the
art was lo-res to start with well...it's hard to make a
silk purse out of a sow's ear, as they say.

Can't find my output files
Look in the Output Folder if you have one assigned.

Hot folders don't work
Make sure you don't move them around once they
are assigned. If you do, you may need to reassign
them. Also, don't assign hot folders which are on
machines other than the one which is running
XPressImage.

Big X's appear in picture boxes
Select 'Fix empty pic boxes' in dialog

Mysterious error messages and incomplete files
Probably not enough RAM allocated to QuarkXPress
for the export to take place. Reduce scale, resolution
or increase RAM.

In QuarkXPress 4.x my empty bezier picture boxes got distorted.
Set these boxes to Content = None.

I crashed in the middle of batch processing.

While no program is perfect, there are things you can
do to reduce the chance of crashing. Make sure your
RAM is sufficient. If using QuarkXPress 3.x to
export, make sure not to include a 4.x doc in your
batch. Try to minimize missing font and missing pic-
ture errors. Also don't run any XTensions which
require user input or OK upon opening documents.
Temporarily disable such XTensions before batch
processing.