

EcBatch V1.0.8

What is EcBatch ???

EcBatch was originally intended to be a Windows Utility that would scan a directory for TIFF files using user selected options such as compression type and create new files again using user selected options. It's purpose was to create smaller Tiff files tailored for use in other applications such as SmartSection and Petra. As the product was being developed it became clear that adding further options for input / output types and options for scheduling conversion runs would be beneficial.

At some point EasyCopy itself will include batch facilities but we don't know if these facilities will be as extensive. Naturally when Batch facilities in EasyCopy become available they will be available under all O/S's and the need for EcBatch may diminish.

Changes in 1.0.8

Changed output resolution from a slider to preset values, the user can also enter a value
With the correct license Vector→Vector conversion such as CGM to PDF is now supported

For Raster→Raster conversion a license is required for Convert

For Vector→ Vector conversion a license for CGM, Convert and Graphx is required

EcBatch requires Microsoft .NET Framework V2 or higher to be installed. It should also be remembered that whenever any EasyCopy command line tool such as econv.exe is used an EasyCopy license will be taken for 30mins.

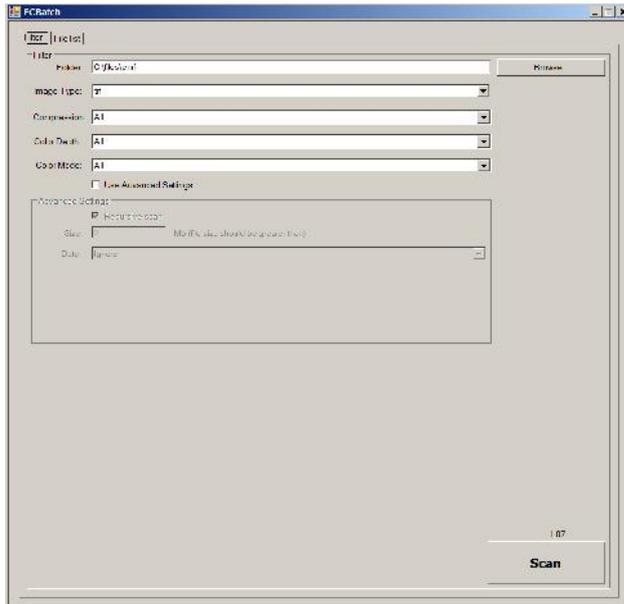
EcBatch can be downloaded at www.gdesigns.org/myeasycopy/files/ECBatch107.zip

When first installed the user must open the ecbatch config file and set the key="EconvExe" and EcgraphExe to suit their installation.

If Ecbatch is installed on a network share "UseLocalConfig" should be set to true. This is because the user will then have a local configuration file which will remember the last used input and output directories. If Ecbatch is installed on a network share set to false.

```
<?xml version="1.0"?>
<configuration>
  <appSettings>
    <add key="EconvPath" value="C:\Program
Files\EasyCopy\EasyCopy 9.0\" />
    <add key="EconvExe" value="econv.exe" />
    <add key="EcgraphxExe" value="ecgraphx.exe" />
    <add key="OriginalFilePrefix" value="ecb_" />
    <add key="DebugMode" value="false" />
    <add key="UseLocalConfig" value="false" />
    <add key="InputFolder" value="C:\files\tiff" />
    <add key="OutputFolder" value="C:\temp" />
  </appSettings>
  <startup/></configuration>
```

Start Ecbatch



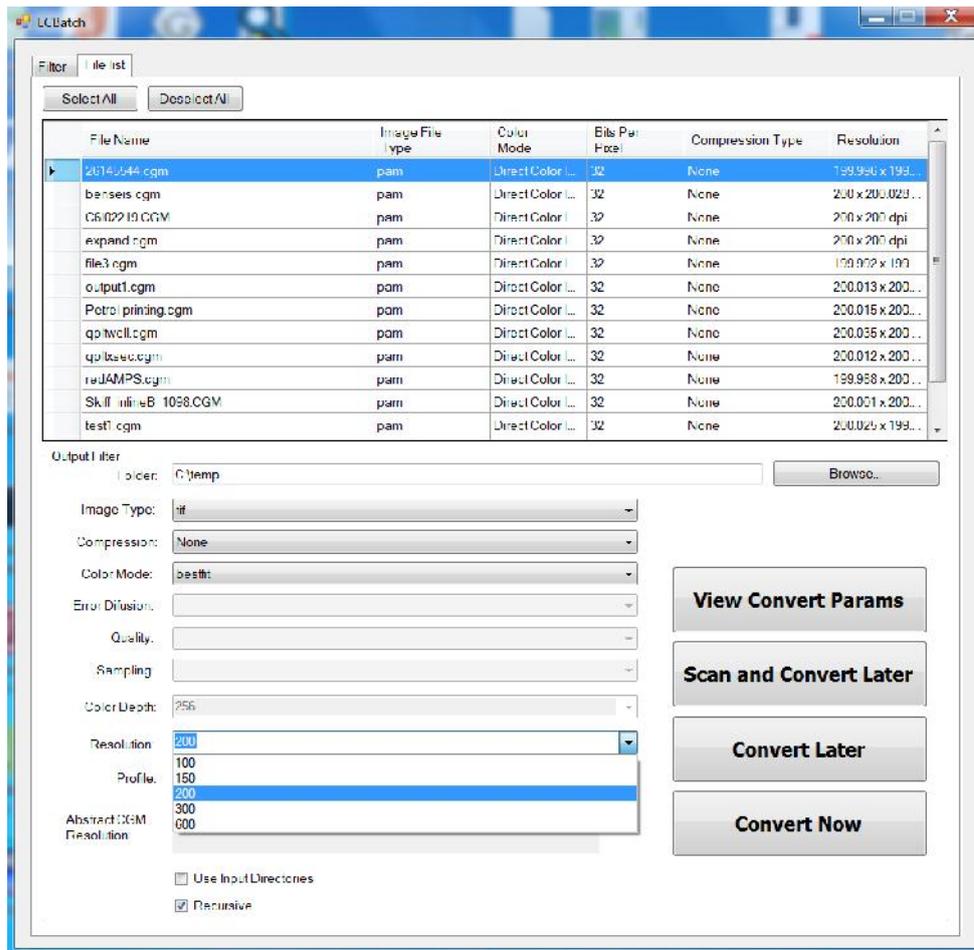
The user is now able to select the folder where the input files are located, image type (currently TIF, BMP, PNG, JPEG, CGM, PDF, SVG and EMF), the compression type of the input files, colour depth and colour mode. With the advanced settings box checked the user can also select whether the input scan should include sub-directories (recursive), minimum file size to scan for and date related options:

Creation date means only files with a creation date within the specified date range.

Modification date means only files with a modification date within the specified date range.

Since Last Conversion Run means only files with a creation or modification date later than the last conversion run. This option is very useful when the user wants to setup a 'Scan and Convert Later' parameter file so that EcBatch can be setup as a scheduled task within Windows.

When all the parameters are chosen if the user wants to create a 'Scan and Convert Later' parameter file there is no need to use the Scan button. If either the 'Convert Later' or 'Convert Now' modes are going to be used the Scan button should be selected. When the Scan button is selected the chosen directory will be scanned for files matching the chosen parameters and they will be shown when the user now selects the File List tab.



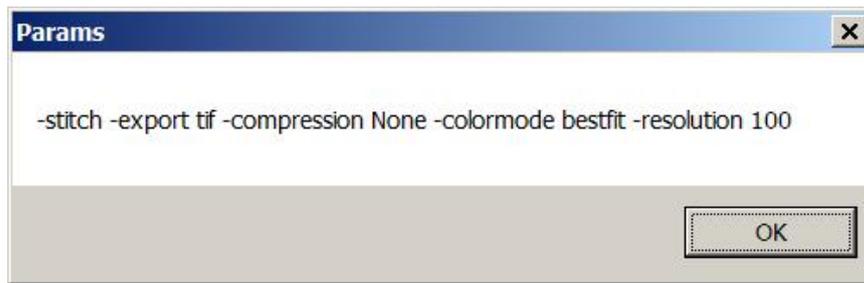
The user can now select individual files or All. All the Output Filter fields should now be selected. The options available will change depending upon the input and output filetypes selected. When the input filetype is a raster type (TIF, BMP, PNG, JPEG) the Resolution field is not available as it has been decided not to allow users to alter raster resolutions. When the input filetype is Vector (CGM, EMF, SVG, PDF) the resolution slider becomes active. There is a special control for Abstract CGM files which Ecbatch will size at 10 inches in the files longest dimension. Because 10 inches is quite small very large resolutions can be needed for good quality.

To allow for multi-page PDF logs the -stitch parameter is included in all conversion modes but is ignored if the input file is not a multi-page PDF. Please note that Ecbatch does not have the controls found in EasyCopy or EasyPlot to control stitching directions (Vertical and Horizontal). Stitching will always be vertical.

When files are converted if the input and output format are the same for example both TIFF the original file is renamed with an ecb_ prefix and the output file assumes the same name as the input file. This prefix can be changed in the config file. If the input and output formats are different the original filename is not altered.

View econv params

This does nothing more than show the arguments that will be used by econv, it's purely for info.



For each of the 3 conversion modes shown below a new log file is created for each conversion session with the filename reflecting the date and time of the conversion session. By default the logfile contains all possible information but if a précised version is preferred the logfile setting in the config file can be changed from TRUE to FALSE. Also the since last conversion key in the config file is created / updated to record the date and time of the last conversion session.

Convert Now

This will start the conversion process. As the files are converted they will be removed from the GUI. A log file is created in the ecbatch\logs directory.

Convert Later

This will save both the input and output parameters including the list of files resulting from the scan. The user will be prompted to give a filename which by default will have a .prm extension. At a later time the parameter file can be executed by running ecbatch from a DOS window. The processing will occur in the background so don't expect too the files being converted in the command window. A log file is created in the ecbatch\logs directory.

```
C:\ecbatch\ecbatch.exe c:\ecbatch\test.prm
```

The parameter file argument must be fully qualified so
c:\ecbatch\ecbatch.exe \ecbatch\test.prm will NOT work.

Scan and Convert Later

As stated before this mode does do not require the user to have performed an input file scan as it only needs the input and output parameters. It is frequently used when periodic conversion of input files is required using the same parameters, this can be performed by creating a scheduled task within windows. The user will be prompted to give a filename which by default will have a .ecb extension. A log file is created in the ecbatch\logs directory.

```
C:\ecbatch\ecbatch.exe c:\ecbatch\test.ecb
```

The parameter file argument must be fully qualified so
c:\ecbatch\ecbatch.exe \ecbatch\test.ecb will NOT work.