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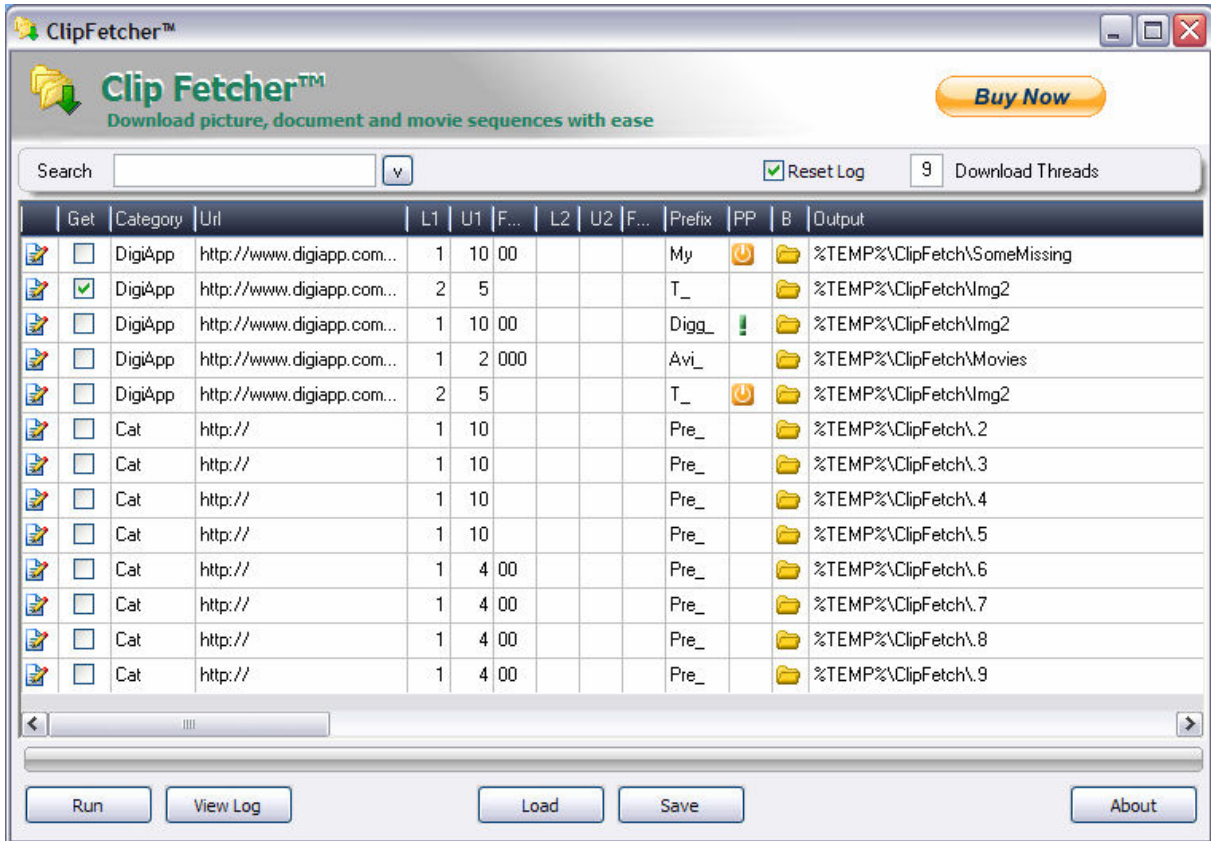
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Clip Fetcher™ Main Screen

◆ **Main Screen:** Clip Fetcher has a single main screen that displays a grid listing. Each row in the grid allows for download of one sequence of files from a specific URL.




Columns displayed in the Grid List has the following function

- **Edit:** Double Click to open the edit screen
- **Get:** Check on to make this part of the next (download) “run”.
- **Category:** User defined string for easy sorting.
- **Url:** File location on the internet – can contain #1# and #2# which is treated a sequence variables. They will be replaced by the program during “run”.
- **L1:** Lower (start) value for variable #1#.
- **U1:** Upper (end) value for variable #1#.
- **Format1:** Can be empty or contain a format string like 00 giving the variable #1# values on the format 01, 02, 03 (with L1=1 and U1=3)
- **L2:** Lower (start) value for variable #2#.
- **U2:** Upper (end) value for variable #2#.
- **Format2:** Can be empty or contain a format string like 00 for variable #2#.
- **Prefix:** String prefixed to the downloaded file. This allow many files with the same name (e.g. clip1.mpg) to be downloaded to that same output folder. Can also use variables #1# and #2#.
- **PP:** Post processing information. Identify that a post process has been defined but it will not be executed automatically. Identify that a post process will execute after (download) “Run” (a Post Process is a command line to call other software e.g.


- a video joiner or image manipulation tool)
- **B**: Double Click to open a windows explorer in the output folder
- **Output**: Output Folder where the downloaded files will be placed.

◆ **Edit in Grid list**: Each cell allow edit in grid. By double clicking on a cell containing a text or number the cell will open up for editing and the text or number can be changed.

◆ **Search**: Type a string and click on the  button to search through the grid list. Search will find a match (and stop) at the row where column **Url**, **Category** or **Output** contains the string.

◆ **Download Threads**: The program can download between 1-9 files concurrently. Sometimes the server (that hosts the files) may not accept more than 2 or 3 connections concurrently. In that case it's better to set the Download Threads to 2 or 3 because using 9 will slow down the download (and in rare cases the server could start blocking connections coming from your IP).

◆ **Reset Log**: Check on this option to have the program clear the log file before each (download) "Run".

◆ **Run (button)**: Clip Fetcher will start downloading every sequence defined by a row where the **Get** check is on .


◆ **View Log (button)**: Opens the log file (if it exists otherwise nothing happens).

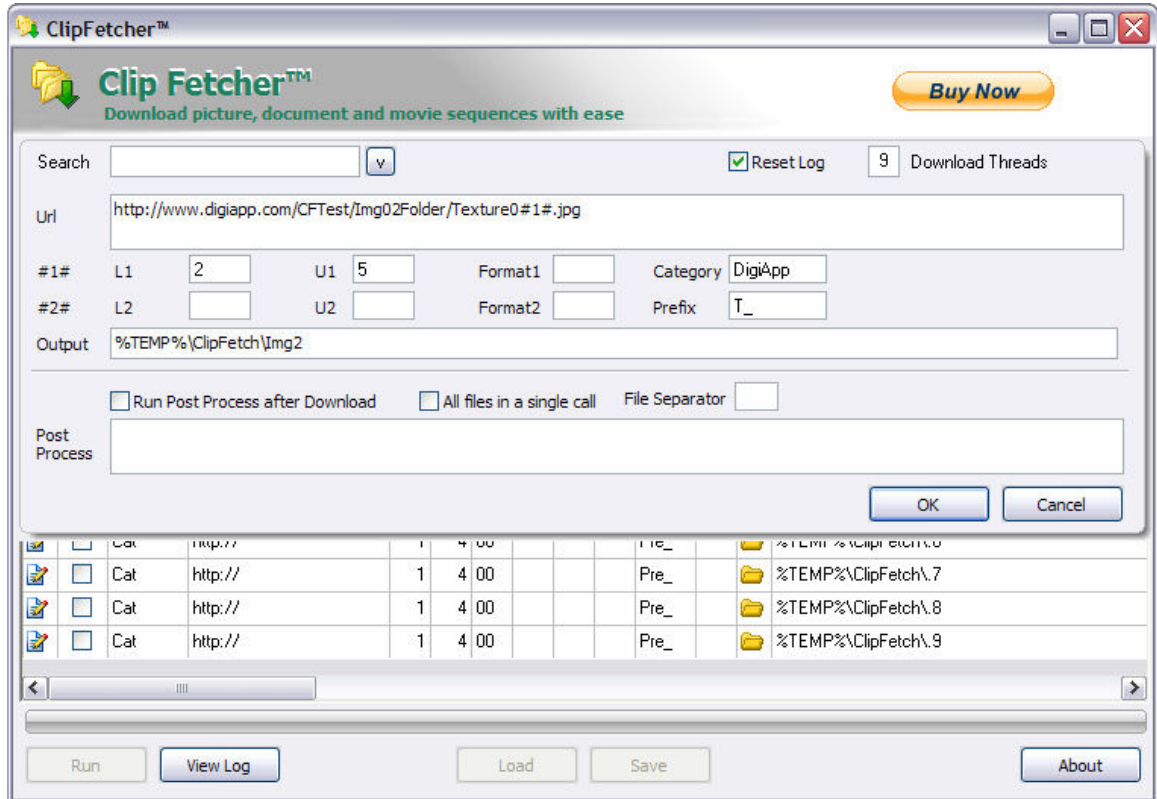
◆ **Load (button)**: Loads a configuration file into the program (including a full grid list). When the program starts it will automatically load a file called CFData.txt that is installed into the ClipFetcher program folder.

◆ **Save (button)**: Saves the current configuration to a file (with the extension .txt). The configuration file is a simple text file that also can be edited using notepad or another text file editor.

◆ **About (button)**: Displays the programs version information and also allows you to enter a license code you will get when you order the program through our secure payment service. (<http://www.digiapp.com/order.html>)

Clip Fetcher™ Edit Screen

◆ **Edit Screen:** Double click on the icon  will open the edit screen for that specific row.



The top part of the edit screen will display all the information from the columns in the selected row. In the previous section it's described what each file means. In this section examples will be given to illustrate the features

◆ **Url example 1:** Downloading a sequence of Jpg pictures.
We will download a jpg pictures from the server
http://www.digiapp.com/CFTest/Img02Folder with names
Texture02.jpg, Texture03.jpg, Texture04.jpg, Texture05.jpg

One possible way to write this would be
<http://www.digiapp.com/CFTest/Img02Folder/Texture0#1#.jpg>

Notice the use of variable **#1#** and L1 = 2 and U1=5

The program will automatically generate url's and download all files where #1# is between 2 and 5 (i.e. . 2, 3, 4, 5).

The leading 0 that is written before the #1# variable will not be affected (or any other part of the url string)

Another way to write the same Url could be without the leading 0
<http://www.digiapp.com/CFTest/Img02Folder/Texture#1#.jpg>

In this case use the Format1 = 00 to format the leading zero's. This is very convenient if the sequences continues with 2 digits (e.g Texture14.jpg or Texture28.jpg)

◆ **Url example 1:** Output and filename saved.

In the example above notice that **Prefix** is **T_** and **Output** is %TEMP%\ClipFetch\Img2. The program will automatically create the sub folders (ClipFetch\Img2) in the user temporary folder. Each file will have the same filename downloaded prefixed with the string "T_". In this example the resulting files will be:

%TEMP%\ClipFetch\Img2\T_Texture02.jpg
%TEMP%\ClipFetch\Img2\T_Texture03.jpg
%TEMP%\ClipFetch\Img2\T_Texture04.jpg
%TEMP%\ClipFetch\Img2\T_Texture05.jpg

◆ **Prefix variables:** In the Prefix string it is possible to use the variables #1# and #2#

If it is assumed that there are two folders CFTest/Img02Folder and CFTest/Img03Folder both with the same jpg file names Texture02.jpg to Texture05.jpg

The Url could be <http://www.digiapp.com/CFTest/Img#1#Folder/Texture#2#.jpg>

Where L1=2, U1=3 Format1 = 00 and L2=2 and U2=5 Format2=00

It would be convenient to write **Prefix** as **T#1#_** and to have files from both Url folders (CFTest/Img#1#Folder) saved to the same output folder but with different file names.

Resulting files saved will be:

%TEMP%\ClipFetch\Img2\T02_Texture02.jpg
%TEMP%\ClipFetch\Img2\T02_Texture03.jpg
%TEMP%\ClipFetch\Img2\T02_Texture04.jpg
%TEMP%\ClipFetch\Img2\T02_Texture05.jpg

%TEMP%\ClipFetch\Img2\T03_Texture02.jpg
%TEMP%\ClipFetch\Img2\T03_Texture03.jpg
%TEMP%\ClipFetch\Img2\T03_Texture04.jpg
%TEMP%\ClipFetch\Img2\T03_Texture05.jpg

◆ **Output folder variables:** Clip Fetcher will automatically create the folder structure.

The following variables can be used:

%TEMP% : user temporary folder (exists on all windows versions)

%APPATH%: The programs install folder (not always possible to use with windows vista due to security restrictions for all folders in the "program files" area)

%MYDOC%: "My documents" (exists on all newer version of windows)

%APPDATA%: User specific location where programs can store local data.

Of cause it is also possible to write an absolute folder path (e.g. D:\myClips\)

Or use an UNC path to a file server (e.g. \\fileserver1\myClips\)

◆ **Post Processing example:** Thumbnail of an image sequence



One of the examples that comes default with ClipFetcher show how to use an Image conversion tool called ImageMagick (freeware <http://www.imagemagick.org>)

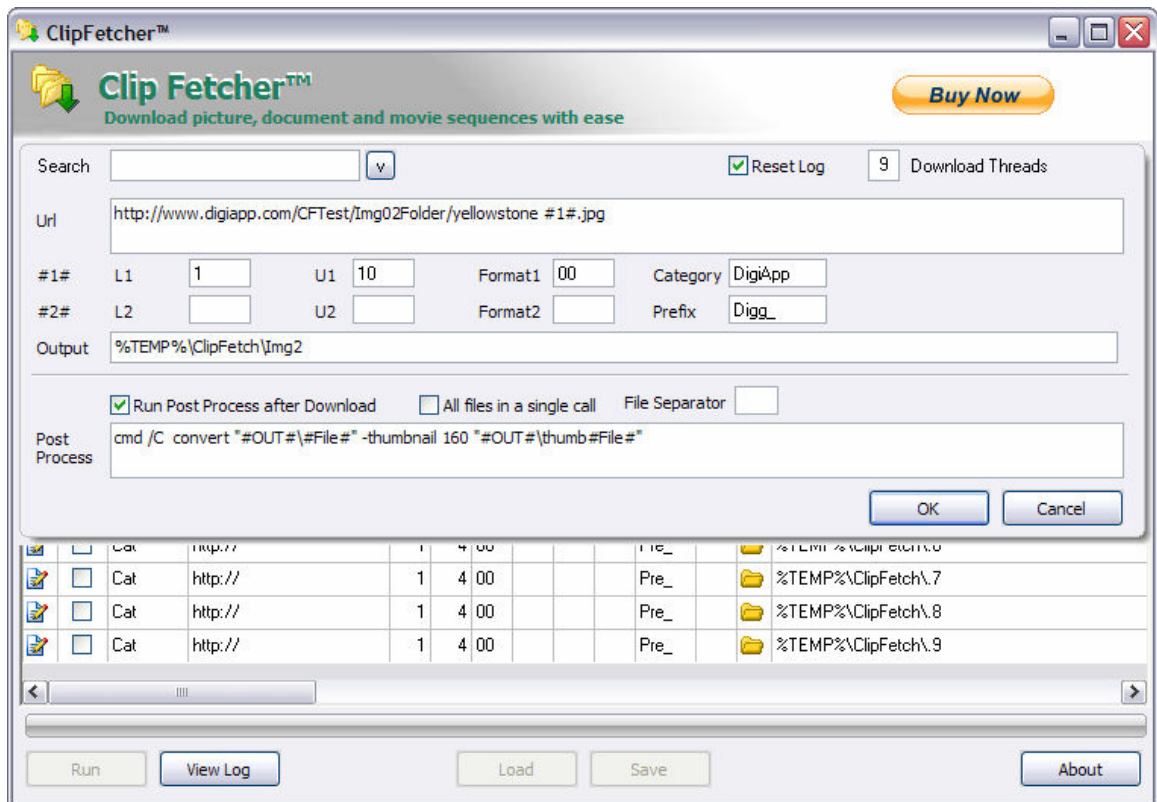
Post Process command line:

cmd /C convert "#OUT#\#File#" -thumbnail 160 "#OUT#\thumb#\File#"

First part: **"cmd /C"** opens a windows command prompt

Second part: **convert "#OUT#\#File#" -thumbnail 160 "#OUT#\thumb#\File#"** is the call to imagemagick's convert feature. In this case it takes files from the output folder and generates a thumbnail image in the same folder and with a filename appended to the string **thumb**. Quote's " are used to handle ensure imagemagick does not fail due to an unexpected space in the folder or filename.

Notice also the check on mark to "Run Post Process after Download". In the grid list this is indicated by the icon . If the check mark was off the grid would show the icon  to identify that a post process has been defined but it will not be executed automatically after download.



◆ **Variables in Post Process:**

The following variables can be used in addition to the variables used in Output:

#OUT#: is used for the Output folder specified.

#FILE#: is the filename including prefix and extension as it's written in the Output folder. "#OUT#\#FILE#" is the precise definition for all files in the sequence after downloading.

#FILEPATH#: is full path and filename i.e. equal to #OUT#\#FILE#

#FILENAME#: is the file including the prefix, but excluding the file extension
#FILEEXT#: is the file extension (e.g. jpg or mpg etc.)

- ◆ **Post Processing example 2:** convert images sequence to another format
One of the examples that comes default with ClipFetcher show how to use an Image conversion tool called ImageMagick (freeware <http://www.imagemagick.org>)

Post Process command line:

cmd /C convert #OUT#\#FILE# #OUT#\#FILENAME#.png

First part: “**cmd /C**” opens a windows command prompt

Second part: **convert "#OUT#\#FILE#" #OUT#\#FILENAME#.png** is the call to imagemagick to create another format (png) for each of the files in the sequence downloaded to the output folder.

- ◆ **Alternative uses for Post Processing:**

- Join movies or view clip using e.g. Avi or Mpg Joiner program
- Extract audio from video files to make mp3 or ogg files
- Add watermarks, add text or logo's using imagemagick or another image tool e.g. Photoshop.
- Crop or resize images or video.
- Convert video, pictures or documents to other formats (e.g. word doc to pdf etc.)
- Automatic zip and email.
- Upload or copy files to another internet server.

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Enter information in the entry fields "Licensed To" and "License Serial Number" and click OK



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14

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Support@DigiApp.com

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