

GamCat Manual

version 1.0.0

1. Specification:

Memory usage:

- 20-30MB during normal run
- can be extremely high when performing image thumbnailing (convert of the Imagemagick)
- there's a known issue with glibc library: there can be a small memory leaking during the scanning and search, although everything is optimized

CPU: 5-7% at normal run, or higher during thumbnailing.

2. Dependencies:

Gambas3 components:

gb
gb.db
gb.db.form
gb.db.sqlite3
gb.desktop
gb.form
gb.image
gb.net
gb.net.curl
gb.net.smtp
gb.qt4
gb.report
gb.sdl.sound

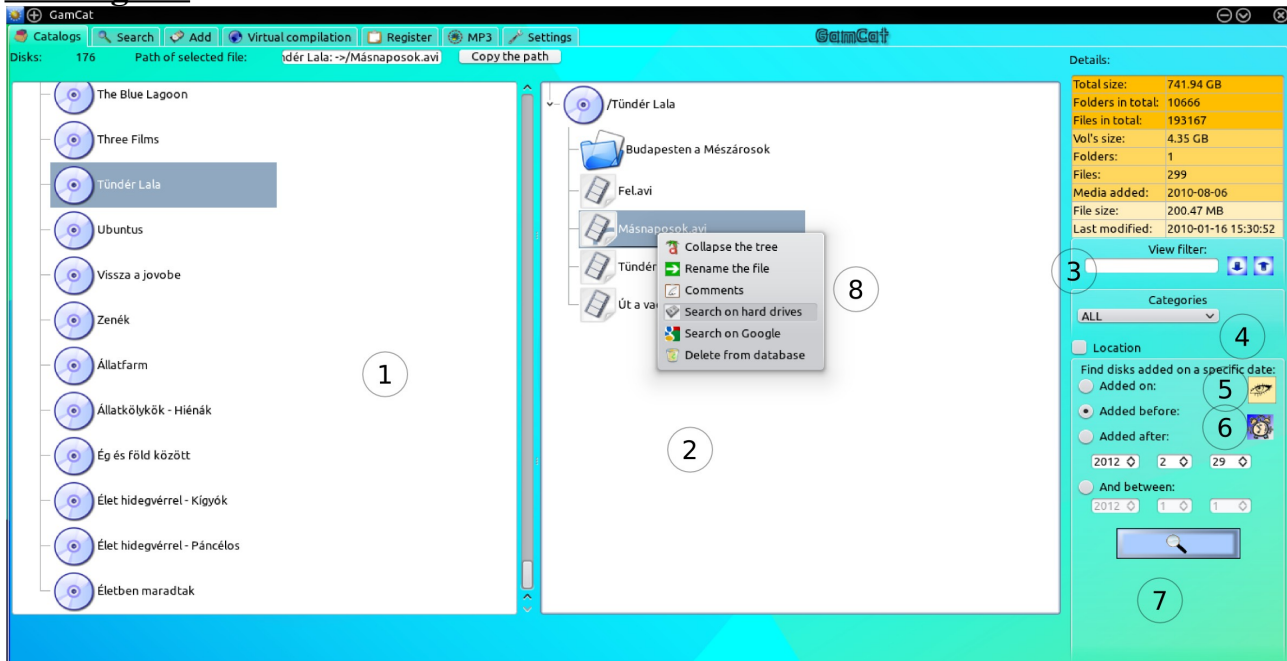
Other:

sqlite3

Optional dependencies:

locate
ftp
imagemagick
unzip
unrar
unace
arj
mkisofs
genisoimage
mp3info
curl

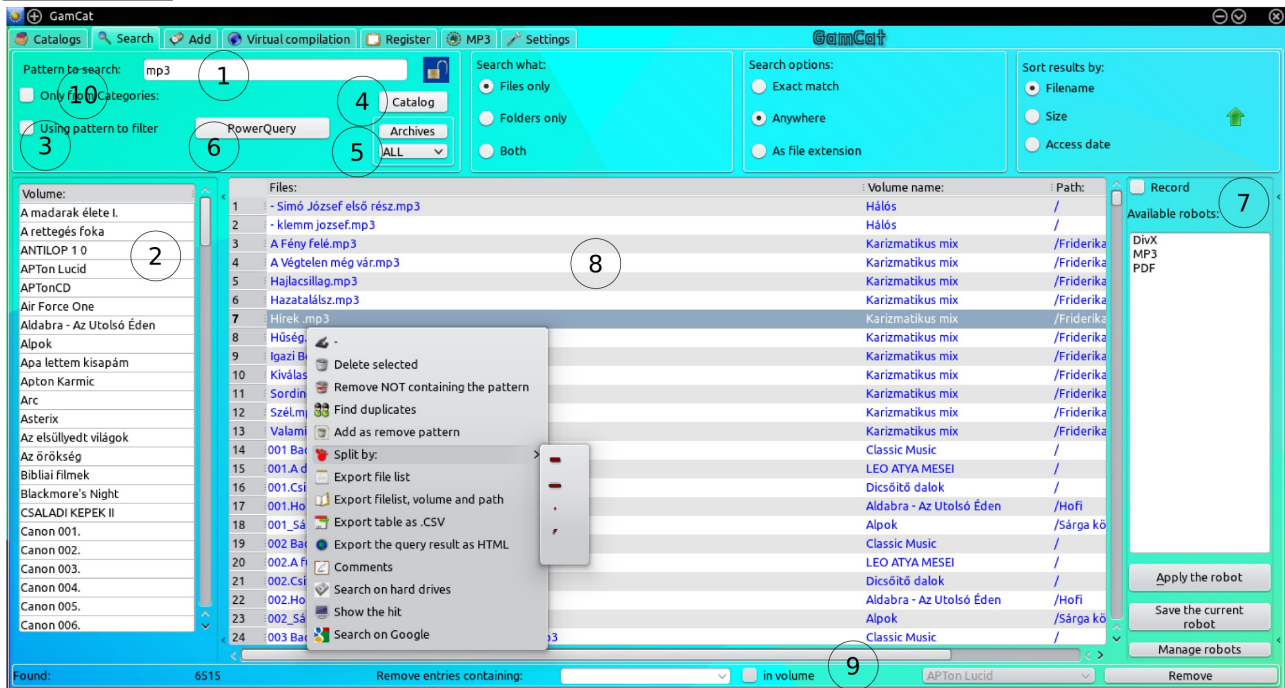
Catalog tab



1. *Volume tree*: Displays the scanned media
2. *File tree*: Displays the structure of a selected volume
3. *View filter*: use it for searching through files in opened directories
usage: type a string into the field and hit 'Enter'
4. *Categories/Location*: use it to filter the displayed volumes
5. *Eyelid*: Show or hide the thumbnails of images etc.
6. *Historyview*: Displays the history of added volumes ordered by name, time, size, files or folders. Able to export the list into .csv
7. *Time filter*: Filter the volumes using the time of their scanning
8. *File tree menu items*: Mostly self-explanatory items.
Search on Google performs a search for the selected item using Google's search engine.

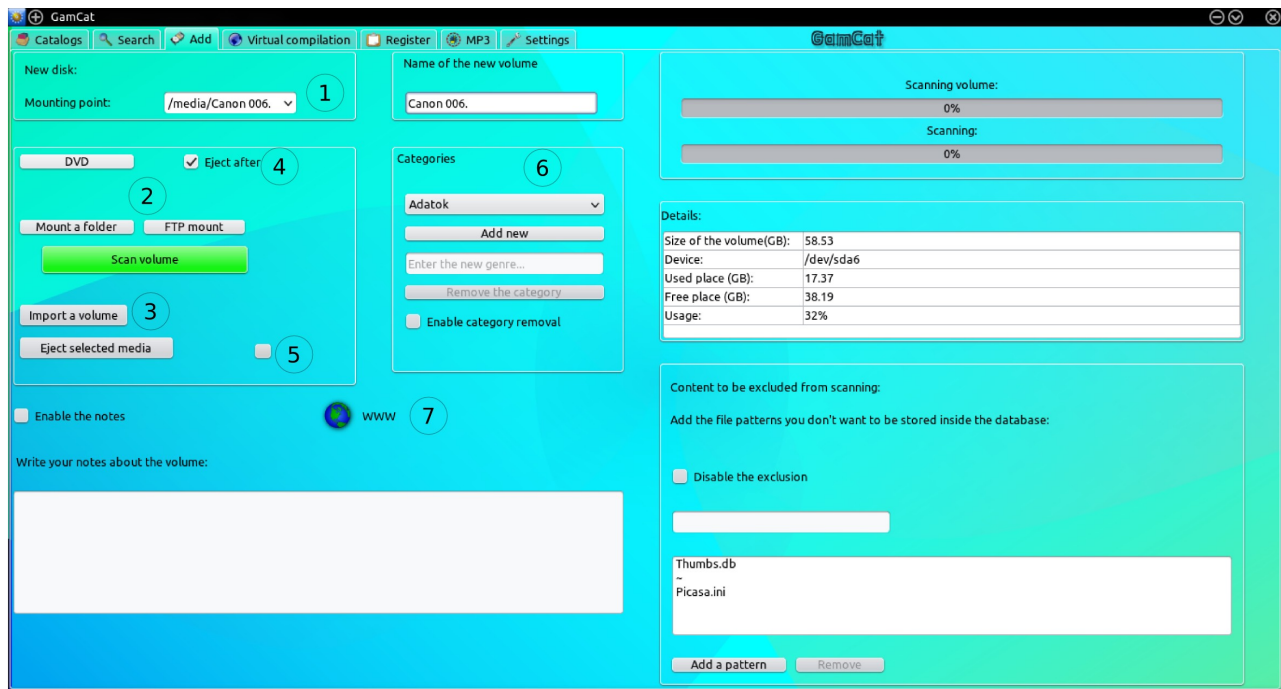
Trick: Double-clicking on a volume's name opens the renaming dialog.

Search tab



1. *Search text field*: Hit 'Enter' to start the search
2. *Volume view*: Click on a name to list the content of a volume
If (3.) is checked, the search is performed within the volume, using the pattern (1.)
4. *Catalog button*: lists all the content of the catalog except the records of archived files.
5. *Archive button*: lists the content of archives. There is a selector for archive types.
6. *PowerQuery button*: one of the most powerful features of GamCat. Opens an advanced search dialog.
7. *Robot panel*: robots are sequences of patterns filtered out after the search. They can be saved and reused, and shared
8. *Main list*: the search hits are shown here, alongside many many menu options to split and filter them.
Trick: if you click on a row's number, the containing file is added to the Virtual compilation.
Trick: if you double-click on an archived file, its content is shown in a pop-up dialog.
9. *Filter panel*: select pattern, or volume to be removed from the list of found items.
10. *Category switch*: restrict the search to a volume category

Add tab

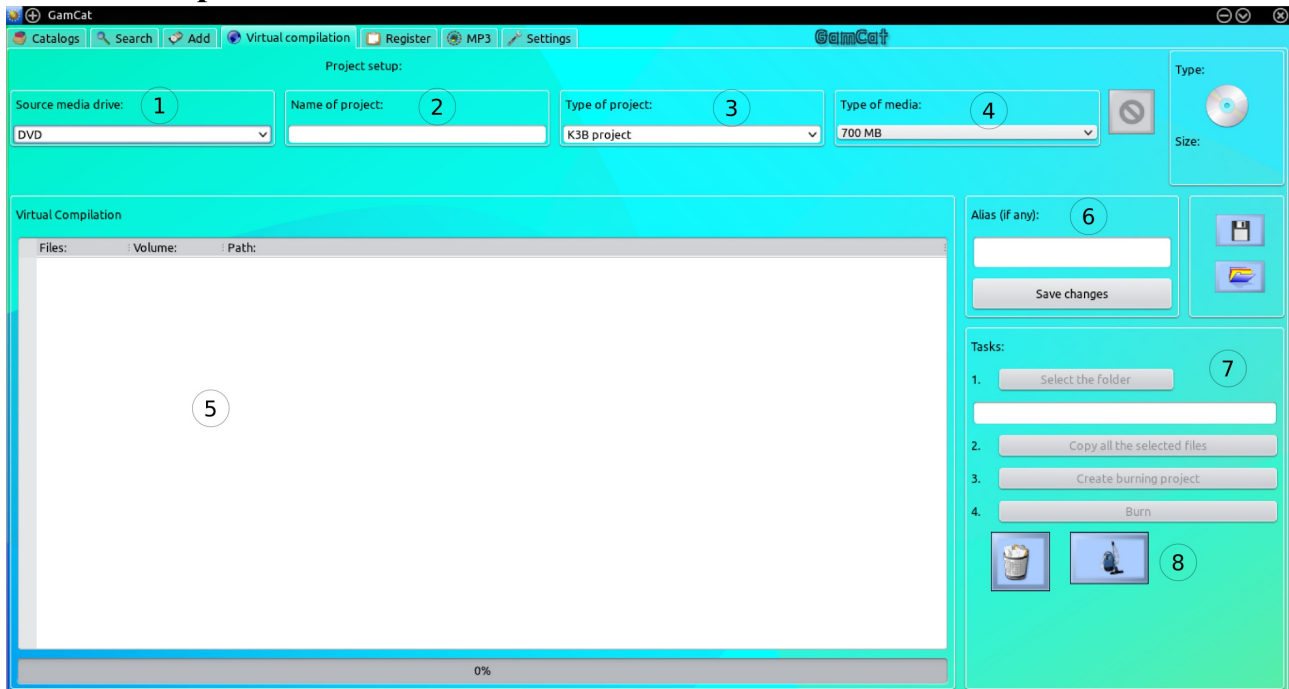


1. Mounting point selector
2. *Device selectors*: select DVD,CD,HDD folder or a FTP server to be scanned.
3. Import a previously exported volume.
4. Choose this option if you want the tray be opened after the scan.
5. Change the 'DVD' button's label according to your need.
6. Panel for manipulating the categories used in program.
7. Generating a website from the database

Notes: the following file types are currently supported for scanning

- archives: .arj, .ace, .tar, .rar, .zip
- iso images
- images: jpg, jpeg, png, bmp, ico, xcf, tiff, pcx, and pdf
- music: mp3 files

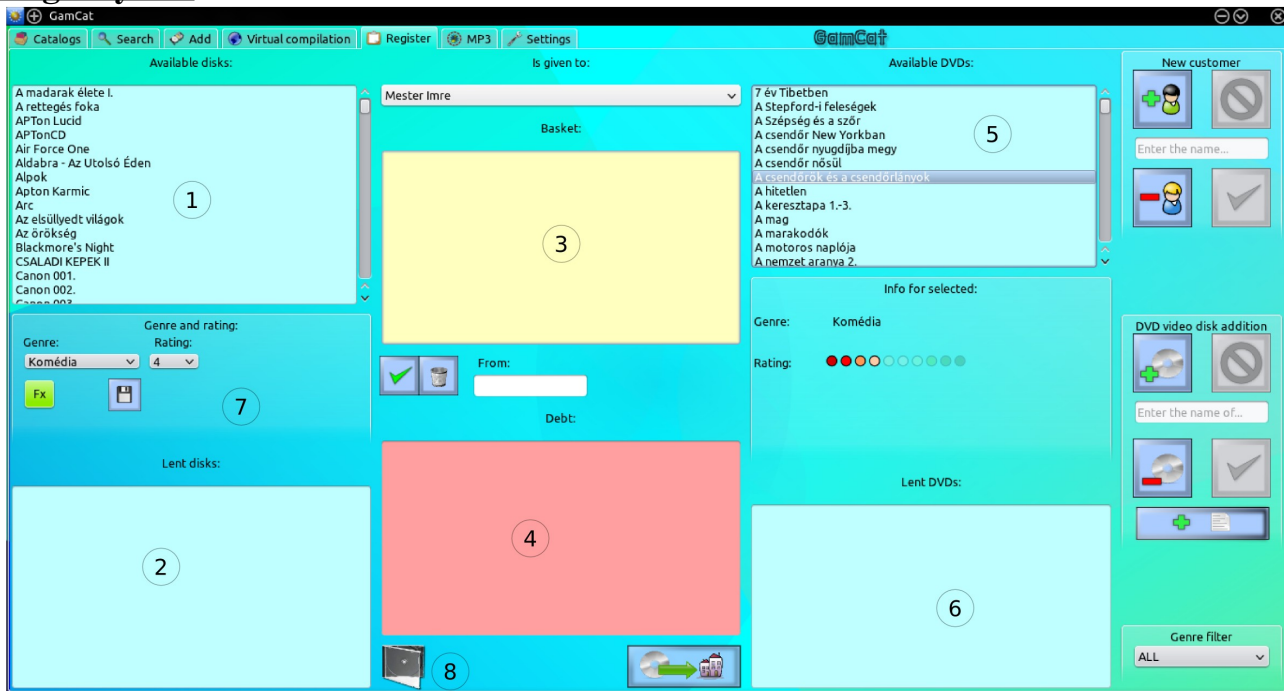
Virtual compilation tab



1. Select the DVD/CD reader used for copying the files from.
2. Name of the project, which is also the name of the created disk.
3. Select whether it is a K3b-project or an ISO image.
4. The size of the compilation
5. The main listbox of the files
6. Aliases of the files added to the compilation: used when there are multiple source files with the same name.
7. Processing panel
8. Cleanup buttons

Note: The main purpose of the Virtual Compilation is to let you browse amongst the files of the database on the Search tab, selecting them for a newly created disk, and to use GamCat for copying the selected files onto the hard drive and easily create a new disk

Registry tab

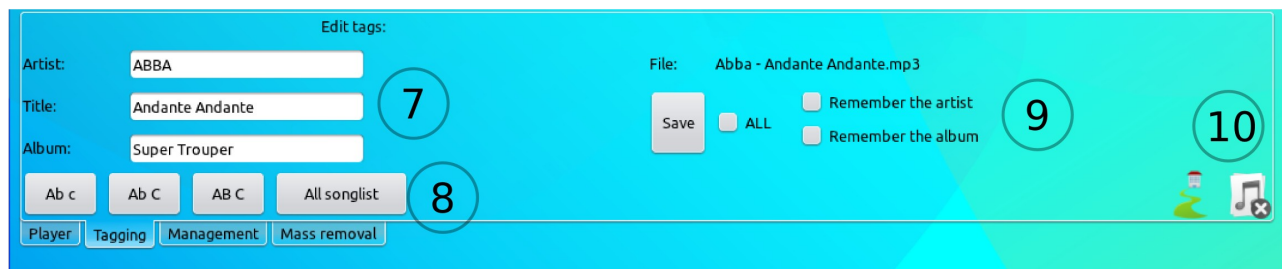


1. List of scanned disks, which aren't borrowed
2. List of scanned disks, which are borrowed
3. A basket, which stores the temporary the selected items
4. Debt list of a customer's borrowed items
5. List of DVD movies, which aren't borrowed
6. List of DVD movies, which are borrowed
7. Genre and ratings manager
8. Label creator for CD/DVD holding cases

MP3 tag

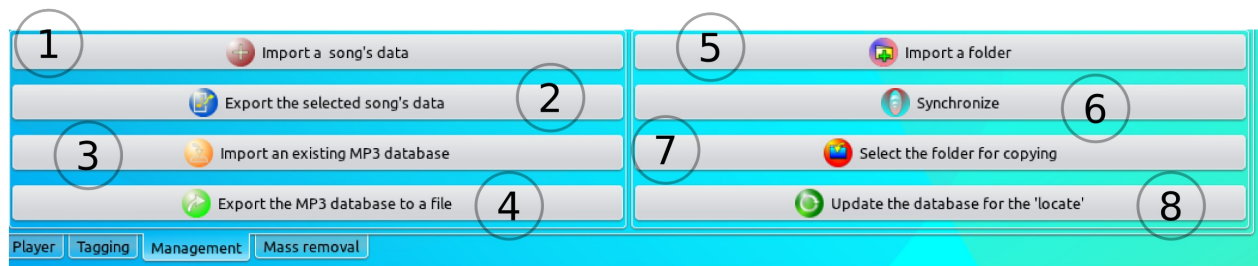


1. List of found MP3 files. It is an internal playlist too.
2. Lyrics box
3. Search based on artist, album or a string
4. Select lyrics provider
5. Lyrics manipulations
6. Built-in player



7. Editor for artist, title and album.
8. Case changer for a single file or the playlist.
9. Saving the changes for the file or the entire playlist ('ALL')
10. Using the absolute path and delete the duplicates.

Trick: If you click on a row's number, that row is going to be removed from the list.



1. Import a previously exported MP3 song's data
2. Export the data of the selected MP3 song into a special text file onto hard disk in order to share with others.
3. Import a previously exported, or backed up MP3 database: it contains the data of the MP3 files like length, artist, lyrics album etc.
4. Export the entire MP3 database
5. Import or scan a folder containing MP3 files (no recursion)
6. Synchronizing: Check the database files and try to find corresponding files on hard drives. If not found, remove them from the database. It can take long time to perform this!
7. Set a folder on the hard drives to be used as destination for MP3 file collection or copying.
8. Perform the terminal command '*sudo updatedb*' for the UNIX command 'locate'

Settings tab



1. Disable scanning through the archived files
2. Select which archives should be scanned
3. Turn on/off image and pdf thumbnailing
4. Protect MP3 file data from being deleted when a volume is removed from the database.
5. Set the delay between CD is inserted and GamCat's attempt to retrieve its name and properties.
6. Set the timeout for internet connections (FTP attempt and search for lyrics).
7. Delete all the generated thumbnails (Cannot be undone!)
8. Check/show the dependency status for optional packages
9. Set the input encoding for different texts
10. Import from WhereIsIt, CdCat and Gwhere catalogs. Please follow the instructions from import manual!
11. Create a backup of the entire database including the thumbnails of the images.
12. Use foreign database files (.sqq): you can always save the current database as .sqq file. These file can be read/write here, and it is possible to make them default. By default, upon restoring, the changes are saved.

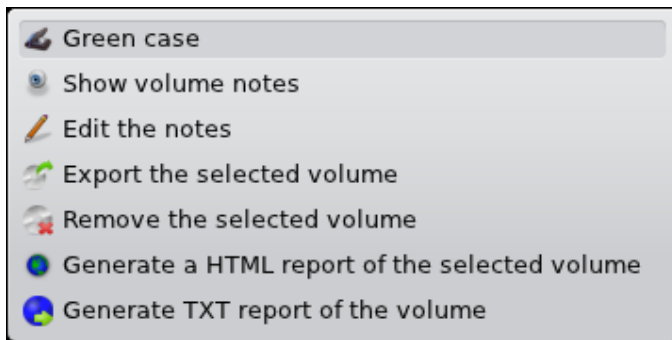
Using the PowerQuery search dialog:

The image shows the PowerQuery search dialog box with a blue background and a yellow and orange flame-like border at the bottom. The dialog is divided into two main sections: 'To be included:' on the left and 'To be excluded:' on the right. The 'To be included:' section has a text input field (1) preceded by an AND/OR switch (3) with a yellow 'V' icon. Below this are five radio button options: 'All volumes' (4), 'In selected volume:' (6), 'In volume category:' (7), 'In file category:' (8), 'Added on:' (9), and 'Size' (10). The 'To be excluded:' section has a text input field (2), a radio button option 'In comments:' (5) with a dropdown menu showing 'Dokumentumok', another dropdown menu showing 'FTP', a date range selector with three input fields (6, 3, 2012) and up/down arrows, and a size range selector with two input fields and '< MB <' text. At the bottom right are 'Close' and 'Search' buttons. The 'PowerQuery' logo is at the bottom left.

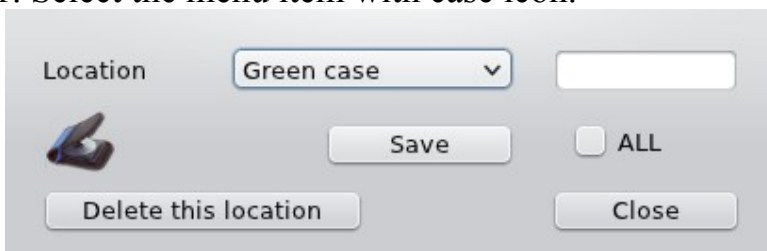
1. List of the words to be included, separated by spaces
2. List of the words to be excluded, separated by spaces
3. AND/OR switch
4. Search to be performed in all volumes
5. Search to be performed in file comments/descriptions
6. Search only in the selected volume
7. Search in volumes belonging to the selected category
8. Search in the selected file category
9. Search for the files added on a certain date:
'0' represents wildcard. E.g: 0-0-2011 will list all the files created in 2011; 0-3-0 will list all the files created in March etc.
10. Search for the files based on their size in MBs.

Note: Search patterns doesn't apply to the options (9.) and (10.)

Location handling:

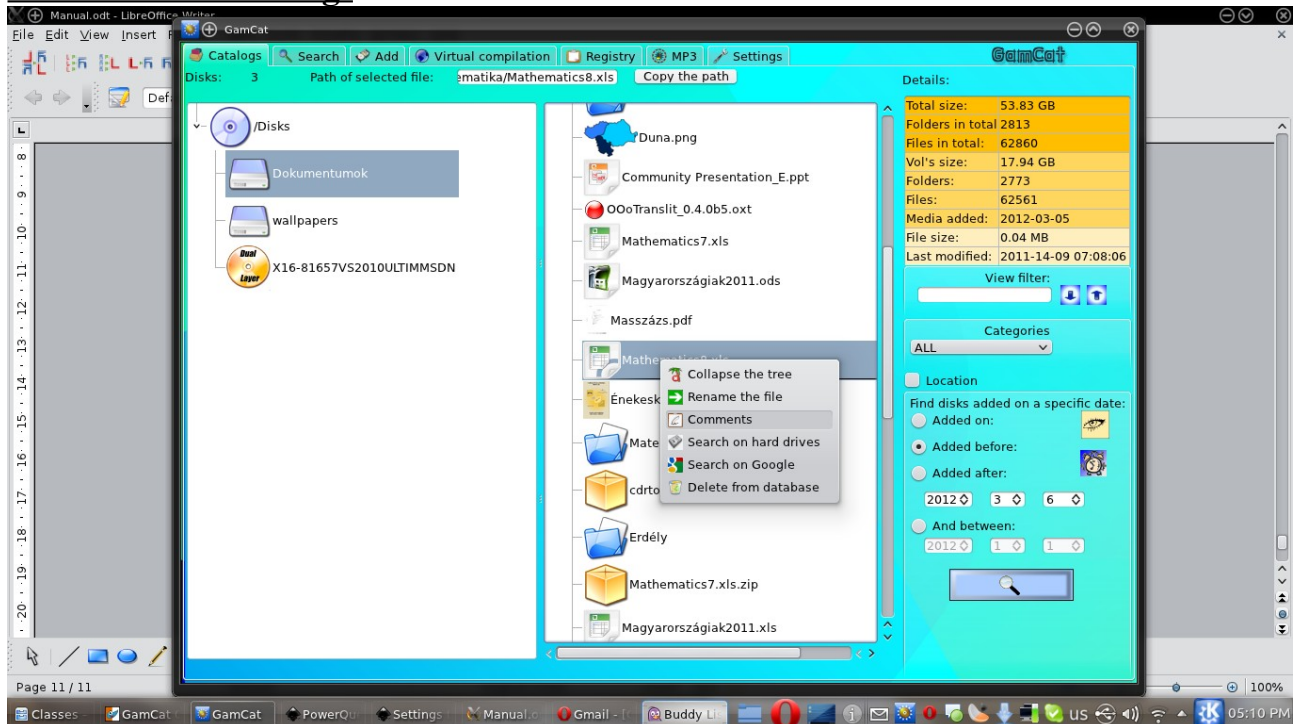


1. Select the menu item with case icon.

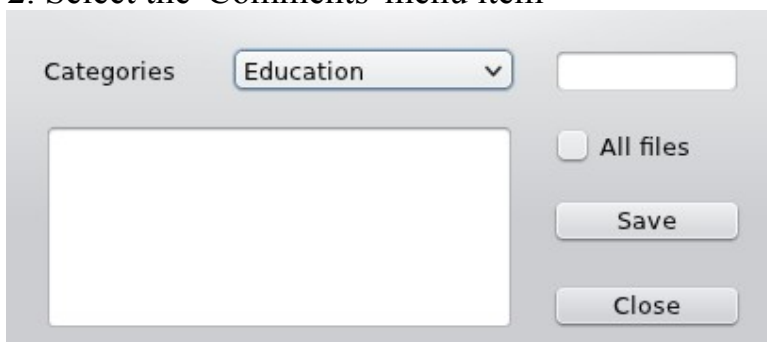


2. Either select an existing location from the drop-down list, or type in a new location
3. Save the change.
4. If you'd like to move all the disk from an existing to a new, then
 - select the existing location,
 - type in the new location
 - check the 'ALL' box
 - hit 'Save'

Comment's handling:



1. Select the file:
2. Select the 'Comments' menu item



3. Assign or create a category for the file.
4. Enter the comments
5. Save
6. You can change the categories of multiple files using the 'All files' switch, but only from existing to a newly created one.

FTP connections (only for the /public_html folder of the site)

Address of the site (e.g. ftp.mysite.com):

Username:

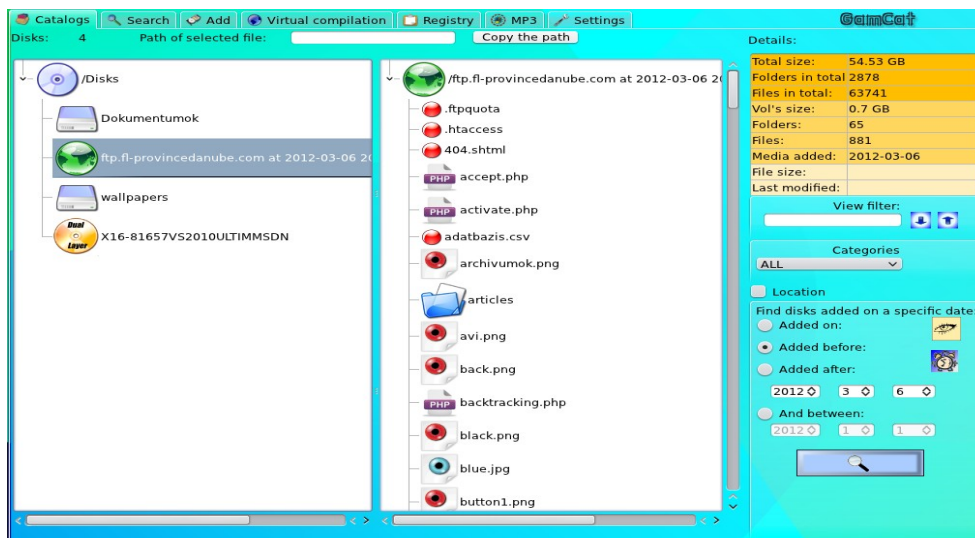
Password:

Add connection

ftp.mysite.com

Add new connection Edit the selected connection

Close Connect and scan



Contact:

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2012.