

Welcome to CDWinder 5.7 !

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# CDWinder ReadMe

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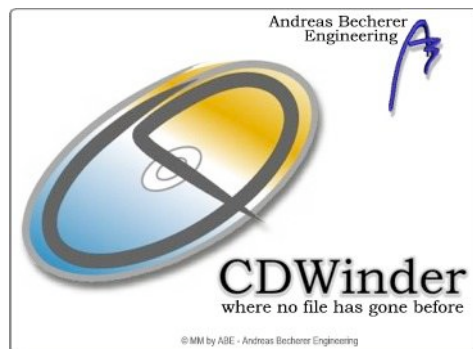
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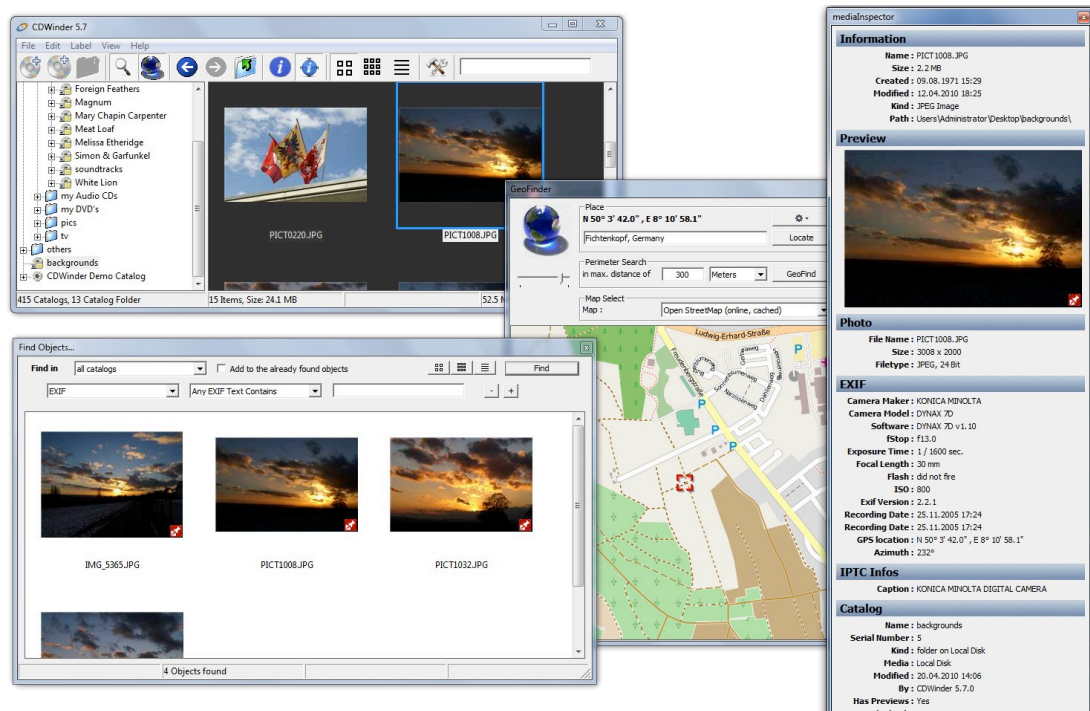
## What is CDWinder ?



CDWinder is a media cataloging tool for the Windows platform. CDWinder creates catalog files of almost everything that spins – CD-ROMs, hard disks, floppies, ZIPs, ... – and offers these catalogs offline for browsing and powerful search operations.

CDWinder is essentially the “CDFinder for Windows”, while [CDFinder](#) – for those of you who may not know – is one of the best media cataloging tools for the Apple Macintosh. Together they form a cross-platform media cataloging system and thus one of the few of its kind.

CDWinder is fast, lightweight and easy to handle and install. It includes support for many different types of media, including Audio CD's (by accessing freedb.org on the internet) and MP3-tags, imaging info's and IPTC and EXIF tags, and video metadata and thumbnails. And many more multimedia-infos are always on our schedule for the near future.





# CDWinder ReadMe

## Basic Principles and First Steps

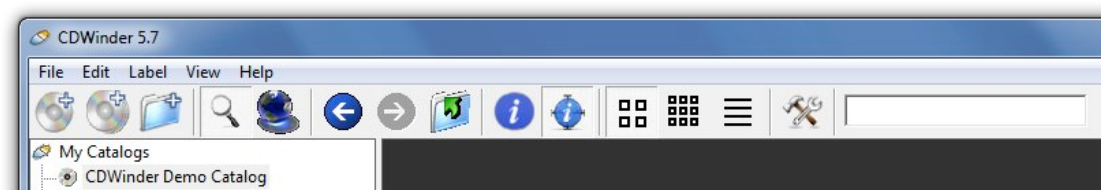
### Create a Database Folder

CDWinder stores the information about the contents of a disk in a catalog. A catalog is essentially a file (often with the suffix .cdw), containing the names and properties of the folders, applications and data files contained on a disk. Each disk is represented in its own catalog file.

To be able to collect and store a potentially huge number of catalogs for all the media you can find, CDWinder keeps the catalog files in a Database Folder. When you first start CDWinder, a default database folder will be created for you at **My Documents\My Catalogs**.

You can always change the database folder later on by visiting the Preferences. Choose a folder you can easily find and backup.

CDWinder will open with the chosen database folder and present you with its Demo Catalog – here you can get a first glimpse of what CDWinder can do with your media files.



### Create catalogs of your harddisks, CD-ROMs, DVDs, ZIP-disks, ... Name it !

Now you can start to create catalogs of every drive you are interested in. Just select **File** and then **Create New Catalog of Disk**, or use the buttons in the toolbar. You will be asked to choose a drive, before the cataloguing process begins. After completion the catalog is shown in your database folder.

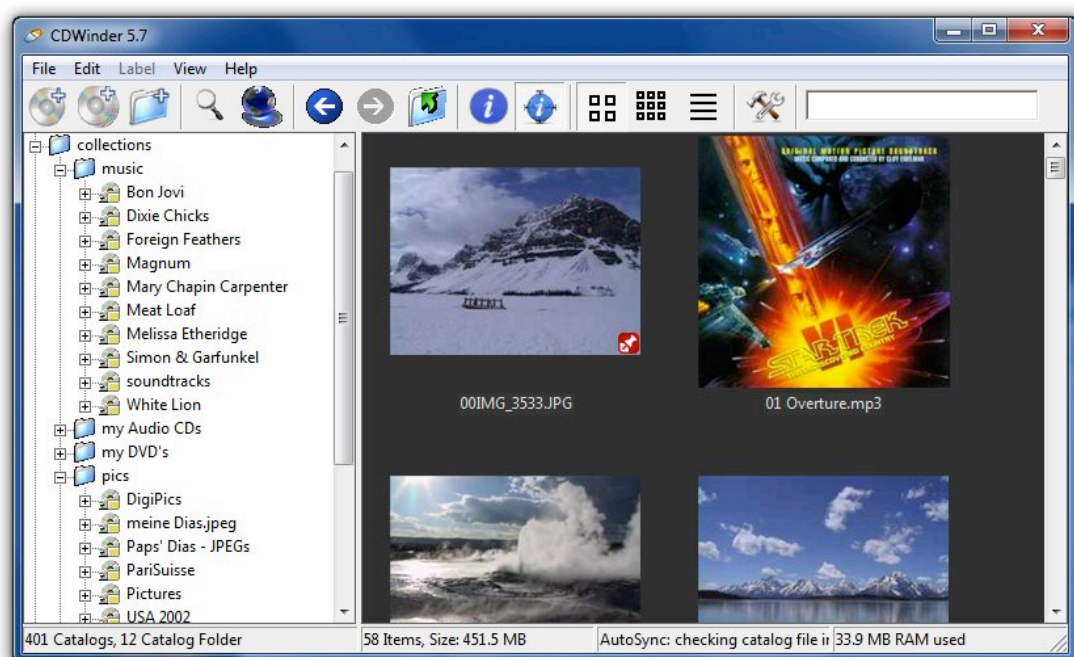
Create New Catalog of Disk...	Ctrl+N
Automatic Batch Catalog...	Ctrl+B
Update Catalog	Ctrl+U
New Catalog Folder	
Properties...	Ctrl+I
Import...	Ctrl+P
Export...	Ctrl+E
Delete	
Refresh Catalog Folder	F5
Quit	



## CDWinder ReadMe

### Browse through your catalogs and their items

Once you have one or more catalogs in your catalog folder, you can browse through their contents, sort and navigate just like you would in the Windows Explorer. Only that these disks don't have to be online. Soon you will have your whole CD collection catalogued to explore and browse through... For each catalog and item you can view its respective properties by selecting **File** and **Properties**, or using the context menu - right click on the catalog and choose **Properties**... That's where you can also rename or comment specific items.



Using the toolbar commands or the main menu, you can change the display style between the thumbnail view (as shown above), an icon overview or the file details. If the catalog you are viewing has stored preview thumbnails, you will see them in the main window.

A history is available to aid your way through the catalogs, folders and hierarchies. You can travel back the way you came, repeat the steps you have taken or step up one level for overview – all by choosing the navigational commands in the toolbar or the main menu.

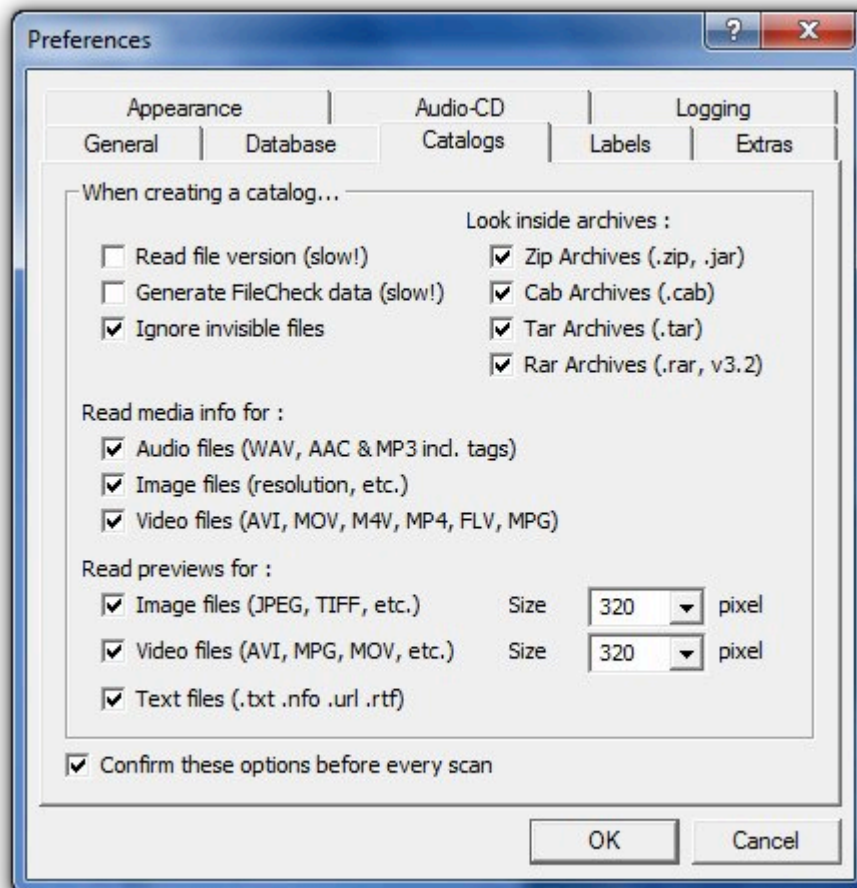


# CDWinder ReadMe

## Advanced Features

### Cataloging Options

When creating catalogs of your media, you will want to control what kind of data gets stored in them, and just how much information is gathered for every file. You can do that in the **Preferences**, on the **Catalogs** tab.



Here you will find different settings, that will influence the effort CDWinder puts into examining the files it finds – and thereby the time it spends on the disks as well as the size of the catalog file(s).

Gathering the version information takes a very long time for each file, so it can be switched on or off independently. And invisible items can be skipped completely, if you want to.

The different archive types CDWinder can read can be switched on or off independently. If you choose to catalog the contents of specific archives, they will be stored as (compressed) folders, and the files within placed under them hierarchically. If not, they will just show up as an archive file.





# CDWinder ReadMe

## Media Infos

For different file types, you can add media information. For audio files, this contains information like the duration or the bitrate, as well as any tagged information contained within (MP3- or AAC-tags, like Artist, Album or Lyrics) See also [Cataloging of MP3- and AAC-Tags](#).

For a number of image file formats, CDWinder will make note of their dimensions, dpi and color depth. In JPEG and TIFF files, this includes the cataloging of **EXIF** and **IPTC** data. With CDWinder 5.5, this even includes XMP metadata written to files by Adobe Bridge or other Adobe applications. CDWinder also supports XMP sidecar files.

Also, CDWinder 5.5 reads metadata out of movie files, such as AVI, MOV, M4V, MP4, FLV, and even MPG movies. The metadata includes the duration of the movie, its height and width in pixels, the codec used to compress the movie, and the frame rate.

## Previews

Since version 5, you can store thumbnail previews of a number of **image** formats in the catalogs. If you choose to do so, you can determine their size in pixels.

Currently, CDWinder reads previews for the following image file types : JPEG, TIFF, PSD, PNG, BMP and GIF, and also most RAW image formats.

CDWinder uses GDI+ to generate and display the previews, and QuickTime™ for PSD files. It will look for QuickTime™ in version 6.5 or later. Only if that's present, previews for PSD files will be generated.

Starting with Version 5.6, you can will also store thumbnails for **video files**. CDWinder can read several file formats, and generates a preview at about 20% of the duration of each movie.

The list of supported video formats depends on the number of installed and available codecs. For formats like AVI, MPG, M2V, TS, FLV or MKV CDWinder will rely on Windows' DirectShow, which requires an installed codec for each format. So, if you can play a movie in the Windows MediaPlayer, it's good indication that CDWinder will catalog it, too. If not, there are additional codecs available at Microsoft, or on the Internet. We have successfully tested CDWinder with the [CCCP](#). For formats like MOV, MP4, M4V CDWinder uses QuickTime, which requires no additional codecs for these formats.

If a catalog has previews, you can see them for each file in the main window, and in the inspector. The catalog information in the Inspector will show if the catalog contains previews. And you can use the find criteria **Photo – Has Previews** to find files that contain a thumbnail.





## CDWinder ReadMe

### IPTC & EXIF

For TIFF and JPEG images, CDWinder will try to read EXIF and IPTC metadata.

**EXIF** stands for "Exchangeable Image File Format" and is a standard of storing meta data in files, created by the "Japan Electronics and Information Technology Industries Association", JEITA.

It is used for storing technical information about a photograph – when and where it was taken, by which camera, and what settings (like exposure, fStop, flash or metering used) were active and used with the shot.

CDWinder can read and store this information with each photo, enabling specific searches like "Show me all pictures with fStop 11 and 400mm focal length".

**IPTC** stands for "International Press Telecommunications Council". This Organization has created a standardized way of adding textual information to data files of any kind. This extra information is called meta data, and it can be used to describe the content of images – what can be seen, at which event in which City/State/Country did this happen, who photographed it, etc. Also, different keywords can be attributed to the photo.

This information can of course be very helpful to organize the files, and find pictures of certain cultural areas or events. Again, CDWinder reads and stores the discrete information contextually, so that specific searches for a place, a photographer or a caption can be realized.



# CDWinder ReadMe

## The Inspector

Extensive and in-depth information on the objects in CDWinder are available in the **Inspector**. You can activate it via an icon in the toolbar, or use the menu **View** with **Show Inspector**.

The Inspector displays a variety of information in different sections, context-sensitive for the currently selected object and depending on its type. It will recognize the selection in the catalog tree, or the detail views in the main and find windows.

The sections in the Inspector can be hidden and displayed independently, to concentrate on certain information or enhance visibility. You just need to click on the respective section header.

The section **Information** shows general file information, just as you would find them in CDWinder or Windows properties windows. Additional information is dependant on the object type.

For audio files you will find general information like duration or genre, as well as all known MP3- or AAC-tags. Image files will show general information about resolution and color depth, as well as information in EXIF or IPTC tags – if available.

If the respective file has a preview stored in the catalog, it gets displayed here. Or, if the file itself is available (e.g. the cataloged media is inserted or connected to the computer), CDWinder will generate a thumbnail preview directly.

The information in IPTC and EXIF tags are displayed only in the Inspector. You can find files by single IPTC- or EXIF-criteria, and inspect them closer using the Inspector from the Find-Dialog.





## CDWinder ReadMe

### GeoFinder and GeoTag support

*CDWinder has the most extensive GPS (geotagging) integration available!*

#### What are GPS or geocoding tags?

These are standard geographic locations, or GPS coordinates for photo files, and the process of adding these is called geotagging or [geocoding](#). Digital cameras always added information such as the F-Stop, exposure time, or the focal length into the EXIF data of the photo. Only lately are there a few cameras that also add the location where the shot was taken to the image.

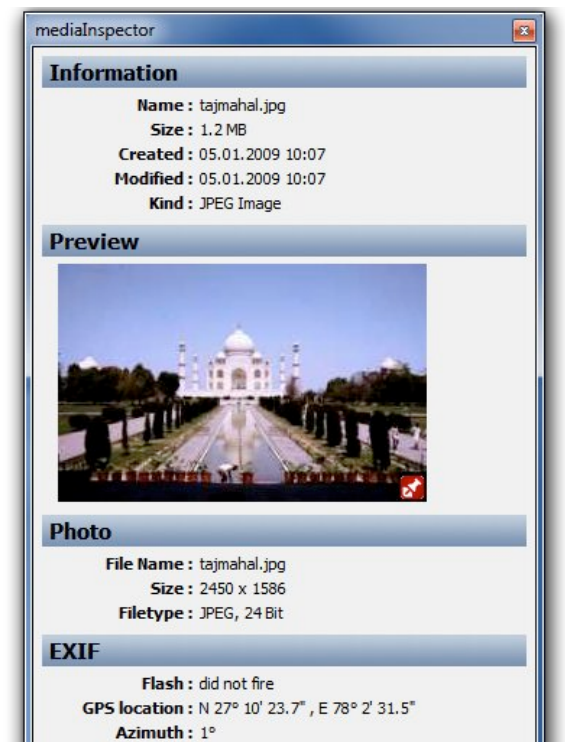
CDWinder will catalog that embedded GPS information in the EXIF section of photos. While other tools only display these geotags, CDWinder can do a lot more with that valuable data.

With CDWinder, you can find photos taken near a location (GeoFinder), or display the GPS location of the photo in web services, such as Flickr, Panoramio, Google Maps, MapQuest, SmugMug, WikiMapia, Yahoo Maps, Geody, OpenStreet- Map, or Woophy.

And CDWinder is also the only tool to catalog not only the coordinates, but also the optional additional GPS altitude, view direction, tilt, and distance information, captured by newer camera add-ons.

You can also add the valuable GPS information at any time to your existing photos, using the integrated GeoTagging capabilities of CDWinder (see Geotag your photos). But there are many more. You might want to check [en.wikipedia.org/wiki/Geocoded\\_photo](http://en.wikipedia.org/wiki/Geocoded_photo) for a starting point.

CDWinder will display the GPS data in the Inspector, in the EXIF (Photo Info) section (please look at the "GPS Location" field).



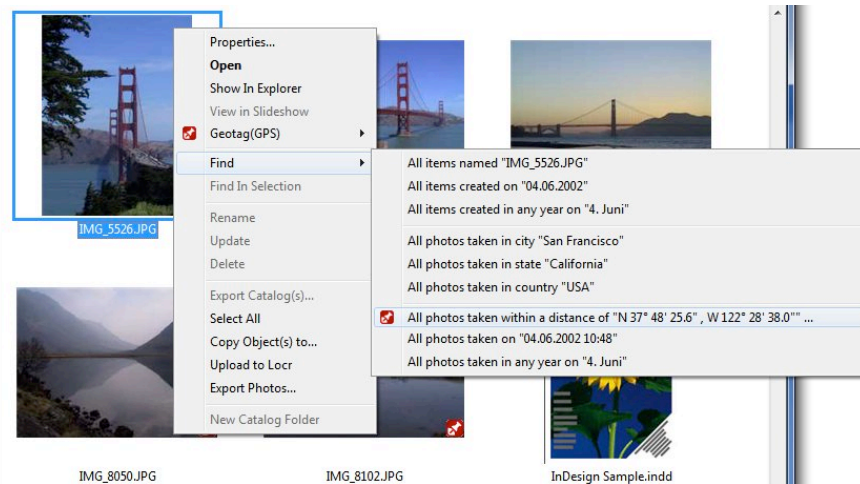


## CDWinder ReadMe

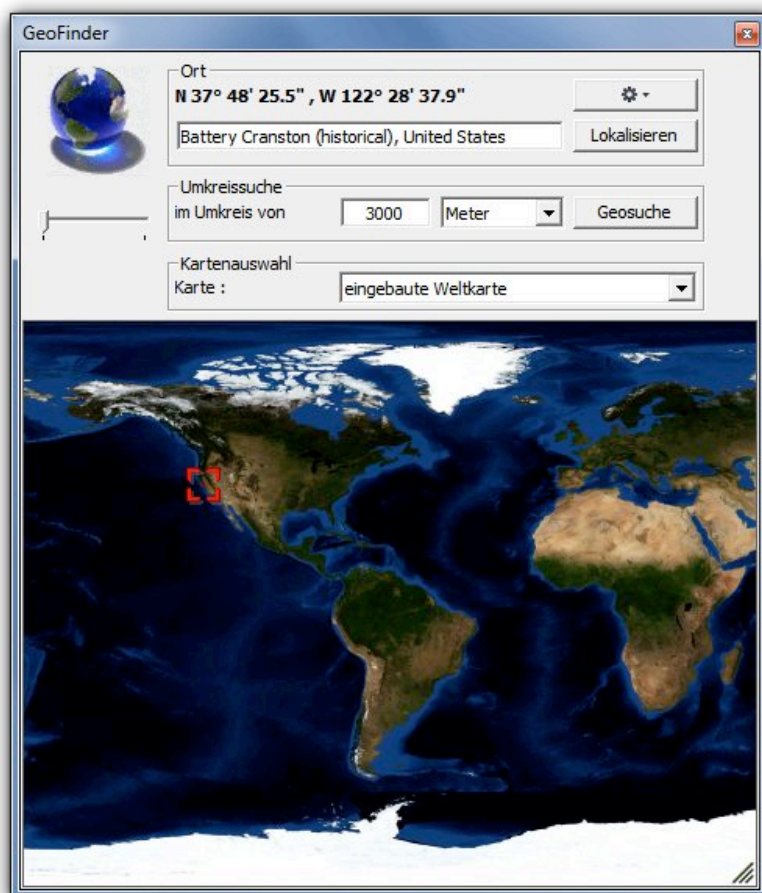
### Find all photos taken near that photo

The most amazing and unique ability of CDWinder allows you to display all photos that were taken in a certain distance near a selected Photo (or any other place on earth, for that matter).

For that, select one photo you are interested in. Then, in the context menu for that photo file, select "All photos taken near...".



This will open the GeoFinder for you, with that location already selected.



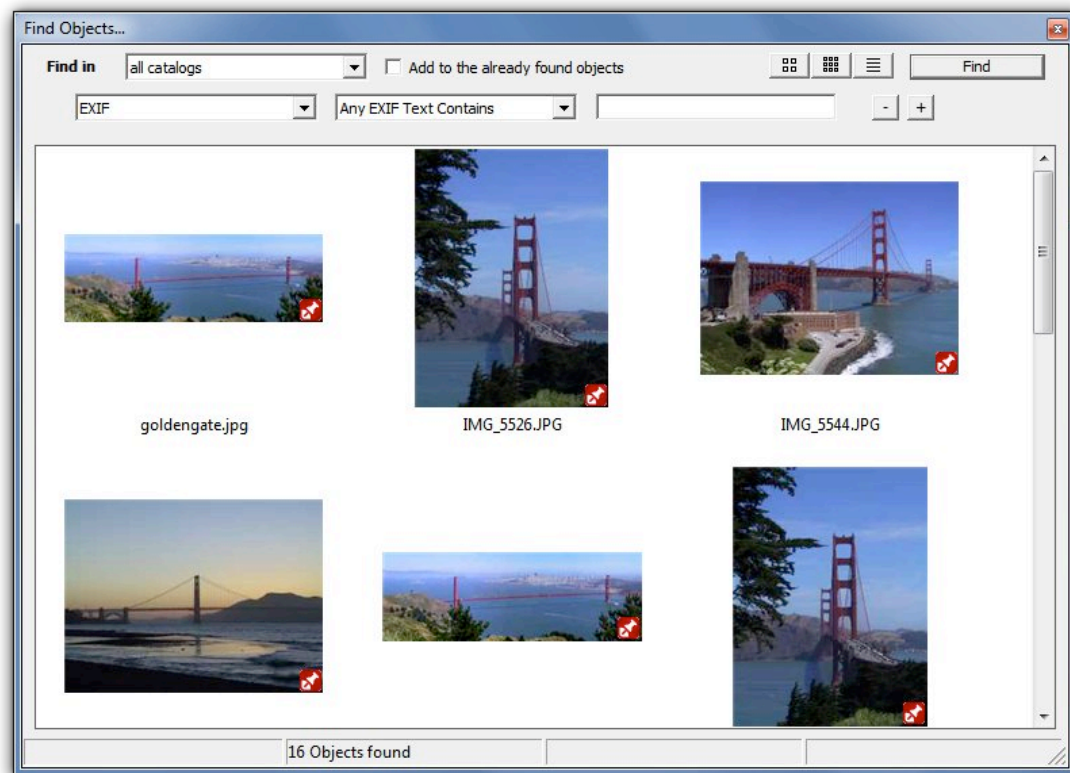
In the unique new GeoFinder, simply enter a distance, and start the GeoFind:





## CDWinder ReadMe

Afterwards, all photos within that distance of the original place will show up in the Found Items window.

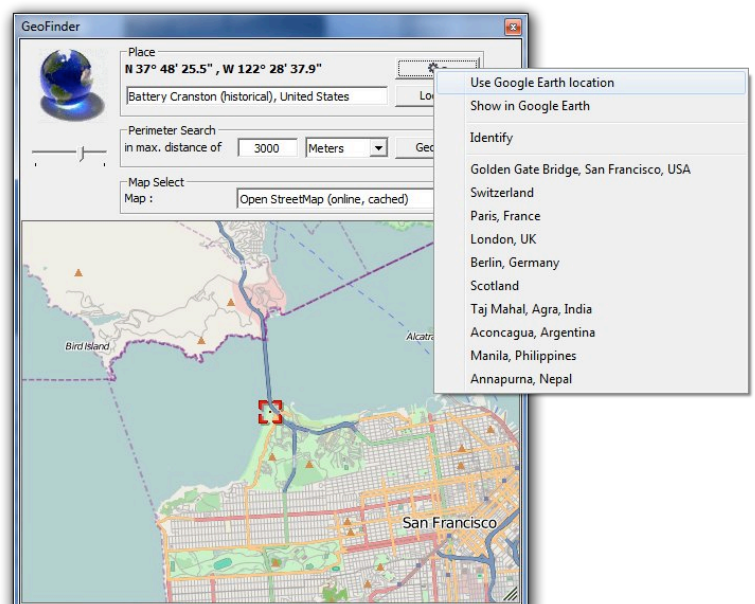


Isn't that incredible?

But you can of course use the interactive map of the GeoFinder to set any other starting place, by dragging the view and right-clicking into the map. Or just enter the name of a place, and ask CDWinder to Locate it on the globe (that requires an Internet connection, as CDWinder uses a web server for this service).

And there is even more! GeoFinder has a list of interesting places built in already, and allows you to use the current Google Earth position, or ask Google Earth to fly to the current place set in GeoFinder.

You can reach these extra functions by simply clicking on the tools button:

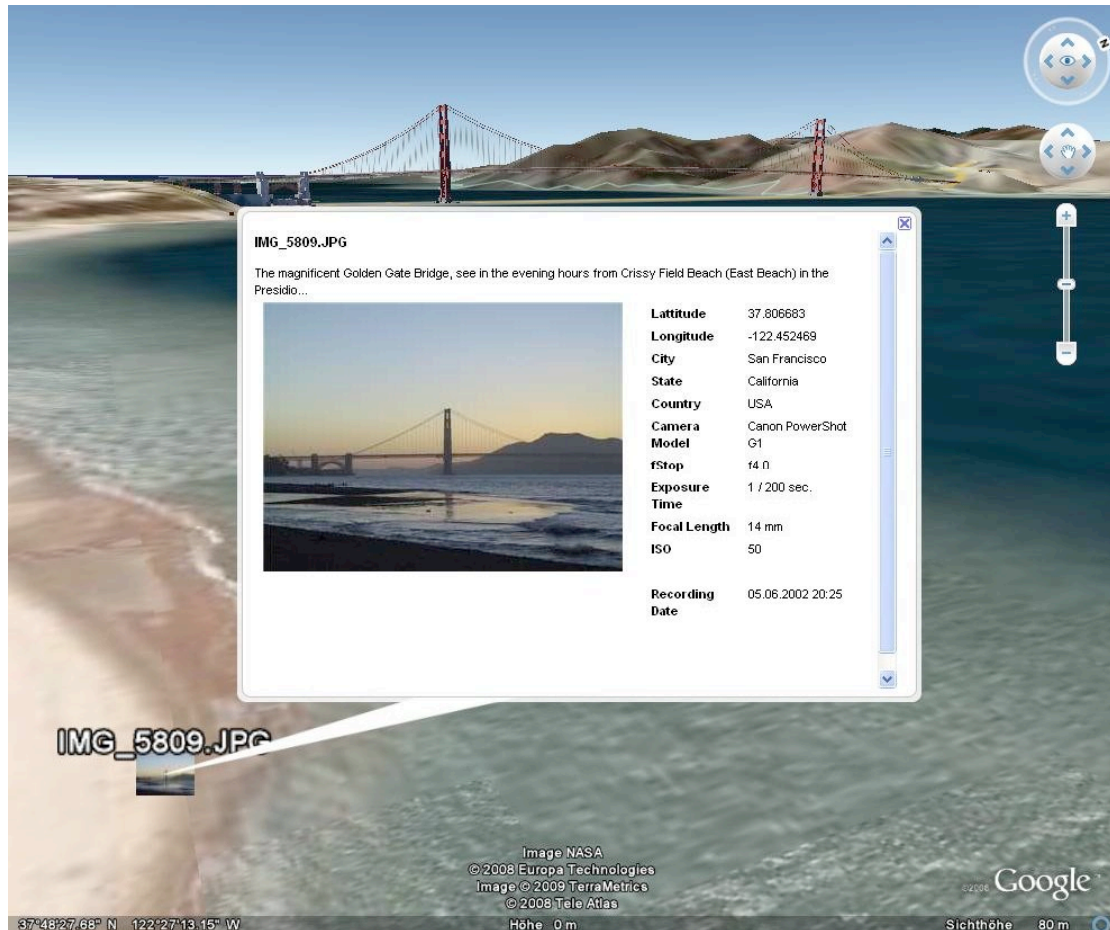




# CDWinder ReadMe

## Export as KMZ

Of course, you can use CDWinder to create a universal KMZ file with the GPS tags of one or multiple selected photos, and later use that in either Google Earth or any other KMZ enabled application.



CDWinder even stores the IPTC caption, important EXIF camera data, and a thumbnail of your photos in that KMZ file, making it perfect for sending your vacation photos to your friends, for example.

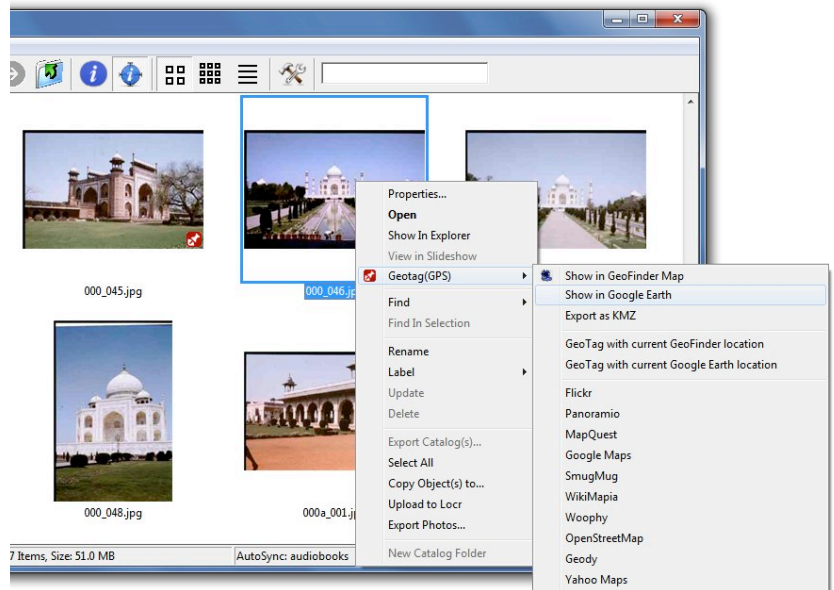
You can also decide to strip the meta data from the descriptions. And you can add the KMZ timestamp to the exported file allowing you to browse the photos in Google Earth using the time slider. That way you can traverse larger collections of a vacation or a trip one day at a time; or look at family pictures in nearby places over the passage of years.



## CDWinder ReadMe

### Show in Google Earth

With CDWinder, you can let Google Earth 4 take you to the spot where that photo was taken. Just select the photo in CDWinder, and open the contextual menu for the item:



If you select "Show in Google Earth", CDWinder will ask that application to display this location:



*This requires Google Earth 4 or newer to be installed on your computer.*





## CDWinder ReadMe

### Show the location of a photo on web services

With CDWinder, you can also display a GPS location in Flickr, Panoramio, Google Maps, MapQuest, SmugMug, WikiMapia, Yahoo Maps, Geody, OpenStreetMap, or Woophy. Just open the context menu for a photo (as shown above), and select Flickr or any of the other services.

These web services and the addresses used to access them are stored in the XML file `geoData.xml`, that comes with CDWinder and can be found in the program's directory. So, if you ever feel the need to add a service that we didn't have yet, or want to delete any that you do not need, you can even edit this XML file yourself.

The XML file is divided into sections for every language, since the descriptions for web services and even their URL may be different for different languages. Every web service consists of its own `<gpsService>` block, containing the description and the URL.

```
<gpsService>
  <serviceID>1</serviceID>
  <serviceName>WikiMapia</serviceName>
  <serviceUrl>http://wikimapia.org/#lat=%f&lon=%f&z=13</serviceUrl>
</gpsService>
```

In `<serviceName>` is the text that will appear in the context menu in CDWinder. And `<serviceUrl>` contains the URL CDWinder will use to access that web service. The `%f` are the replacement markers for the coordinates; CDWinder will replace the first `%f` with the latitude, and the second `%f` with the longitude of the file you have selected.

With that in mind you can easily add new services to the list, or move the services around if you need to rearrange them. You should always keep a valid copy safe, so you can revert back to it when something goes wrong. And, if you have additions or suggestions, we would very much appreciate you sharing them with us, so all the users of CDWinder can benefit from them.



# CDWinder ReadMe

## Geotag your photos

Starting with version 5.6, CDWinder can not just read geotags, but set and save them as well. We use the established [exiftool](#) by Phil Harvey for this task.

The reason for integrating this function was the lack of Windows programs for writing the exciting 3D-information azimuth and tilt to EXIF GPS data. Most tools I found would just get some plain coordinates from Google Maps. But because I have a huge fascination for the 3D-aspect of Google Earth, and since CDWinder can read and handle that data for some time now, I wanted a method of bringing that into my photos. It is great to be flown to a place where a photo was taken and see the same sight...

The command is integrated into the familiar GPS context menu. This is now also available for photos without geotag, and will offer geotagging them. Photos with geotag can also be tagged again, the geotag will then just be overwritten.

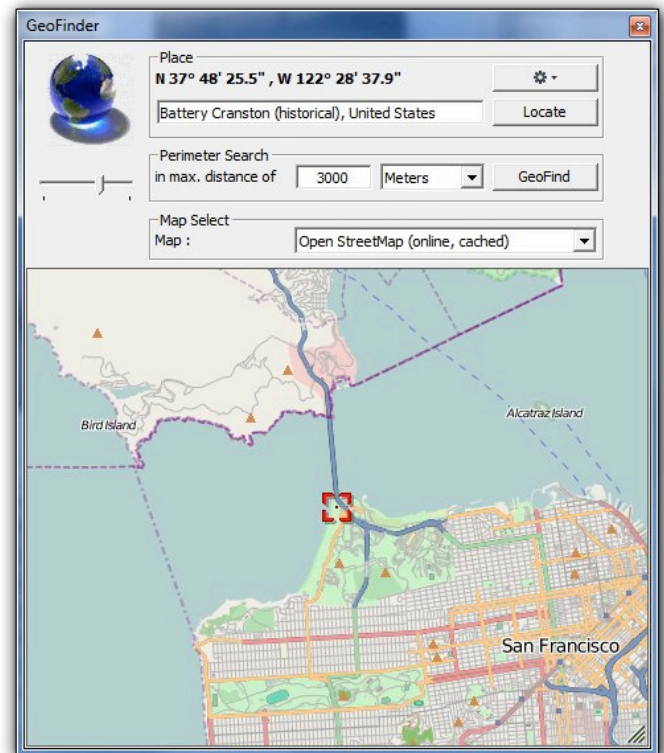
If the necessary exiftool is not available in the CDWinder program folder for any reason, the command will be inactive.

If you do not want to use Google Earth, you can also use the integrated **GeoFinder** to geotag your photos. You can use the detailed Open Street Maps to locate the exact position of the photo.

If the command is activated, CDWinder will get the current coordinates from the GeoFinder, or the coordinates and view point information from Google Earth, and store them in the catalog item and in the file itself.

If Google Earth is not active, it will be started. If Google Earth can not be found, the command is canceled.

If the file is offline (meaning the volume for the catalog is not mounted or inserted) CDWinder will only tag the item in the catalog. Then you would still be able to use CDWinder's GPS-functions (GeoFinder, show in Google Earth or on the web, Find, etc.), but the information would get lost in a future update of the catalog. You could retag the file, if you fly to the position of the item, and tag it again with this position when its volume is available.



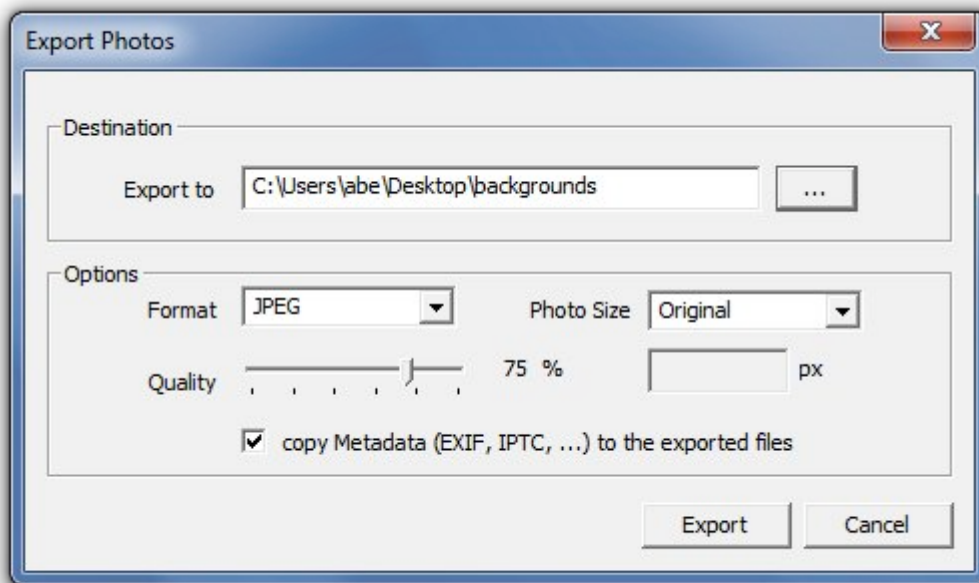


## CDWinder ReadMe

### Export and Convert your Photos

Whenever you need to work with your photos, like preparing them for upload to a website, or obtaining smaller versions to send to a friend, you can use CDWinder to help you create the right size and format of your pictures.

Simply choose the pictures you need (either directly from a catalog, or from a found items result set) and select „**Export Photos**“ from the context menu. The following dialog will show you what options you have:



First, you can select a destination folder, where to export the photos to. Then, you can choose your preferred format for the export. Right now, CDWinder offers JPEG, PNG, TIFF, GIF and BMP as destination formats. And, you can choose if CDWinder should scale the photos as well, and which size to use for them – choose from the predefined values, or enter a custom size.

**Note:** the size always affects the longest dimension of your photo. For a landscape photo, the width will be scaled to the given size, for a portrait photo the height will be scaled to the given value.

Depending on the chosen format, you have additional options for your exported photos.

For JPEG output, you can choose the image quality, in percent.

For JPEG and TIFF, you have the option of copying the originals metadata to the converted photo.



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### Locr Upload

CDWinder can also upload your photos to your account at [locr.com](http://locr.com). Locr allows you to geotag your photos, share them with other users and also create nice photo books.

To upload your photos, select one or more of them, and choose Upload to Locr from the context menu. You will be presented with a dialog that asks for a couple of necessary information and settings.

You have to enter your credentials at locr.com, so that CDWinder can log on to their site for you.

In Photo Settings you can decide what size of the photo is uploaded to Locr. CDWinder will scale your photo(s) accordingly. Also, you can choose if the uploaded photo should be visible to the general public, your friends, family or just yourself.

The fields for Photo Description are taken from the image file and its IPTC information. You can make changes here to affect what is passed on to Locr.

Lastly, you have the chance to define the album that the chosen photo(s) are uploaded to. You can enter a new album name here, or choose one of your existing albums on Locr using the Tools button.

By pressing the Upload button, you commence the upload. CDWinder will prepare your image file and pass it on to the Locr server along with the information you have given. You can find the uploaded images on locr.com after the upload has completed. Also, the Locr-URL of each image is stored in its comment in the catalog after the upload.

Upload to www.locr.com

**locr**  
locate your photos

Please enter the name and password of your www.locr.com account :

Name: outdoorsman

Password: \*\*\*\*\*

Photo Settings:

Status: Public

Photo size: Original

Photo description:

Name: 000\_046.jpg

Caption: The famous and beautiful Taj Mahal, a mausoleum in Agra

Keywords:

☒ Put all photos in this album: [Tools button]

Album name: testalbum

Cancel Upload



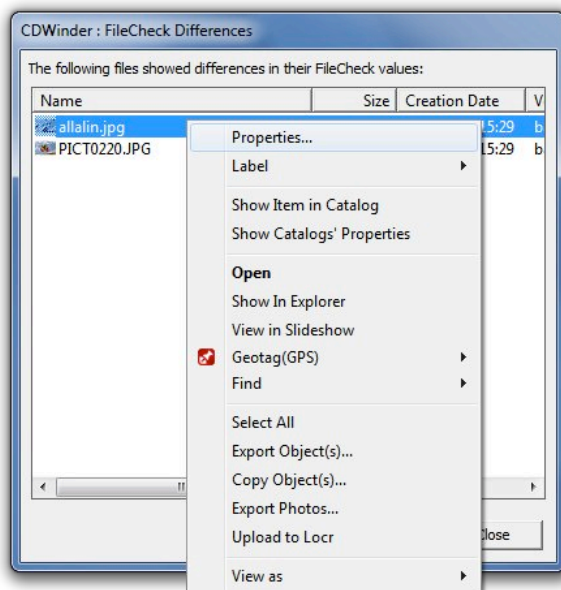
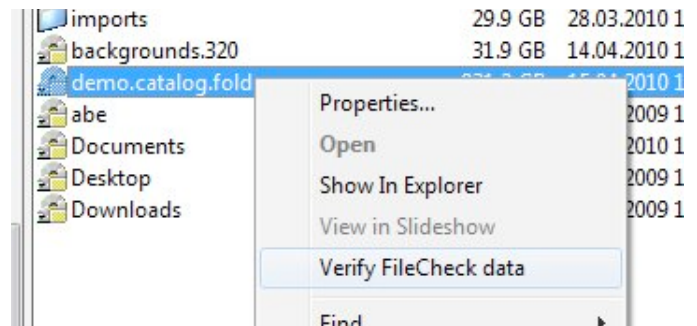
# CDWinder ReadMe

## FileCheck

CDWinder is able to generate an industrial strength MD5 checksum for every single file in a catalog. We call that feature FileCheck and it is integrated nicely in CDWinder.

The FileCheck value is very useful for photographers who wish to ensure that all their precious photo files on any backup and archive disk are still fully readable and unchanged, and of course for anyone who wants to check for modifications of files on any disk.

If you enable FileCheck in the cataloging preferences in CDWinder, every new catalog you create or update will contain this FileCheck value for every single file. As this operation of course takes quite some time, since every file must be read and computed completely, this is by default turned off.



You can then check either a single file or even an entire catalog by using the context menu.

If you verify the FileCheck values for an entire catalog, CDWinder will even show you a nice window containing all files that did NOT pass the check, so you know exactly which files are damaged and need to be replaced.

Of course, CDWinder also displays the actual MD5 value for every file in the Inspector:

**FileCheck :** 8d24126931849c077430c5184eaa7097

And to see if a catalog contains the FileCheck values, the Inspector also displays that fact:

**FileCheck :** Yes



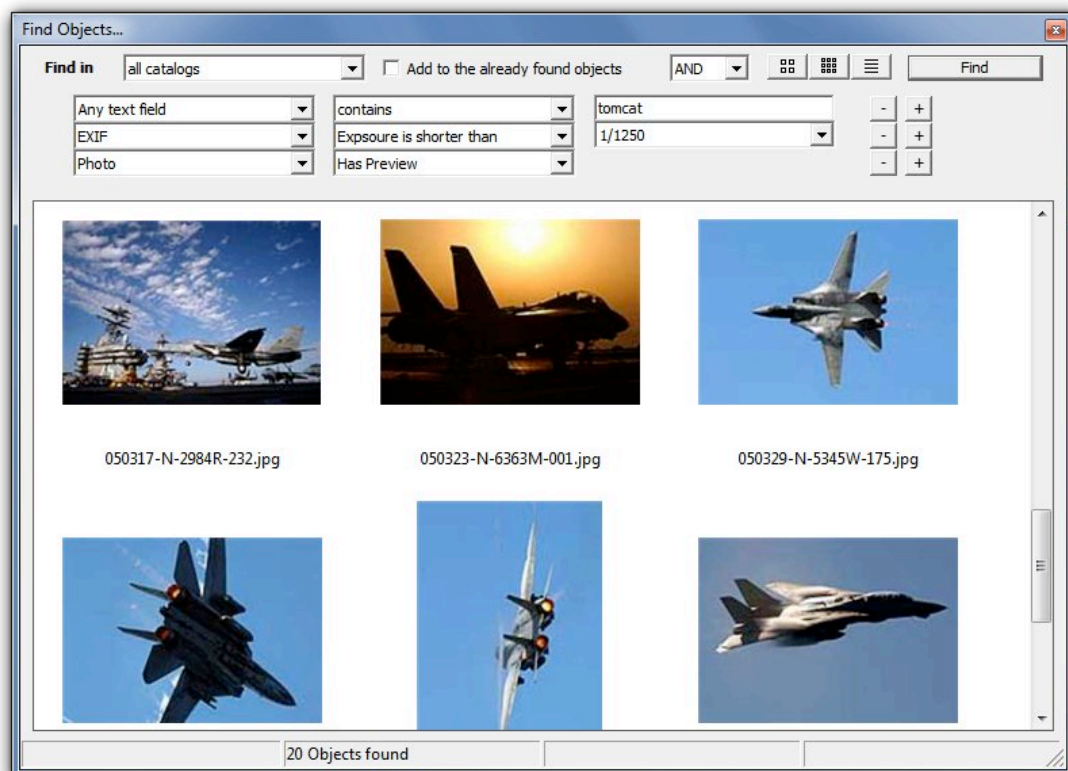


## CDWinder ReadMe

### Find items in your catalogs

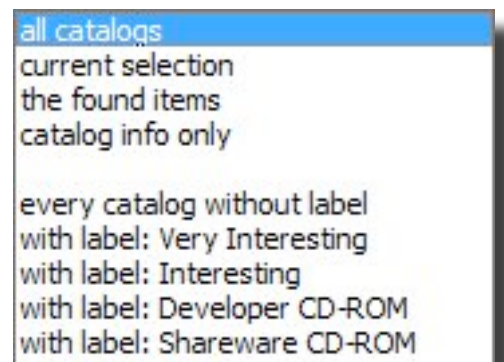
But that's just the beginning. You will want to find certain files or folders while not knowing what CD to look at first... That's where you select **Edit** and **Find...** to open the find dialog of CDWinder. Here you can search for items based on different criteria and get an idea what you have stored and where you can find it.

You can search for Name, Size, Creation Date, Comment, Version Information Labels or Audio Information, as presented in the first drop down list. The second drop down list offers different search types for the chosen search criteria – for example Name-contains or Creation Date-before.



When searching for text fields (Names, Comments, ...) CDWinder supports wildcards (\* or ?, like Windows does). Generally, The search term should be entered in the way you expect to find it in the data.

The scope of catalogs to search can be defined by selecting "Find in" - **all catalogs**, the **current selection** (meaning a catalog or –folder you selected in the main window), **the found items** or catalogs with certain labels.



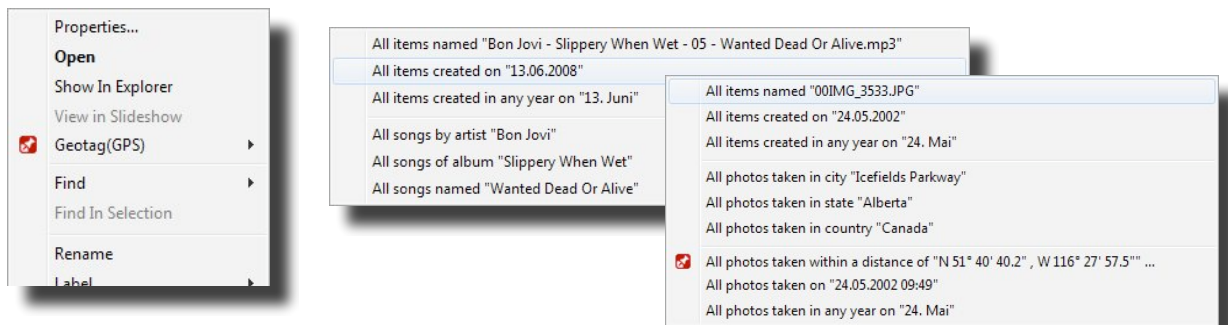


# CDWinder ReadMe

## Additional Find Methods

CDWinder also offers additional and easily accessible find options for more frequently used searches. You can use the QuickFind input in the main toolbar to enter a phrase, and start a Find operation by pressing Return. CDWinder will find elements by searching through all your catalogs and Any Text Field. The Find Dialog will open and show the results, allowing you to refine and repeat the operation.

The context menu for any item contains special find operations based on the kind of the element and what CDWinder knows about it. So, while you can use an elements name or creation date, to find other elements like it, you can use the artist or the album of an MP3 file, to find other songs on that album or by that artist. And for photos, you can find others based on the IPTC information like City, State, Country, etc.



## Organize your catalogs

To make it easier to identify and categorize your different catalogs, you can attach a comment or rename them. Just choose **Edit** and then **Rename...**, or use the context menu – right click on the catalog and choose **Rename...**. To comment a catalog use the properties dialog.

You can also organize your catalog files in different folders. Just choose **File** and then **New Catalog Folder**, or use the context menu – right click on My Catalogs (or any other catalog folder) and choose **New Catalog Folder**. You can build catalog folder hierarchies just to your liking, and move catalogs and folders between them using *drag'n drop*. The catalog folder properties-dialogs give you extensive statistical information about their contents.

The properties-dialog for My Catalogs shows you how many catalogs you have overall and reveals the location of your catalog folder.

CDWinder sports 15 different **labels**, to categorize and – well – label your catalogs and –folders. You can use the properties-dialogs to select labels for objects, and use the find-dialog to spot them.

CDWinder also gives serial numbers to new catalogs. You can choose their format in the options dialog (**Options – Extras**). The settings there can also be used to (re-)number existing catalogs (**Edit – Renumber** for the current selection of catalogs).





# CDWinder ReadMe

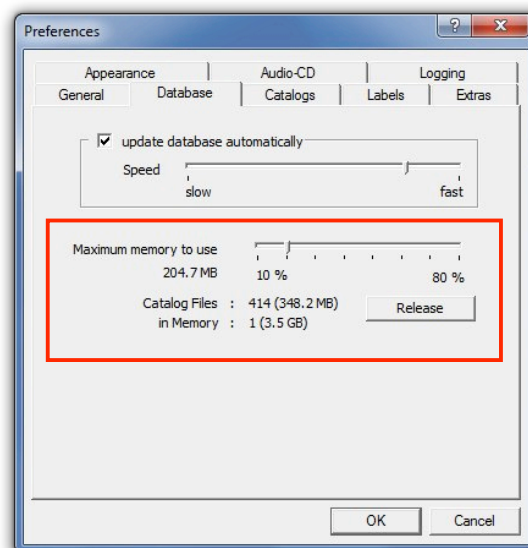
## Speed up the launch process (QuickLaunch Cache)

CDWinder offers a way to speed up the launch process when dealing with large database folders containing many catalogs. It's called **QuickLaunch Cache** and can be switched on in the "General" preferences dialog.

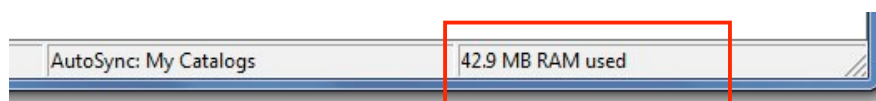
If switched on, CDWinder will store its memory contents in a file called *CDWinderQuickLaunchCache.cdwqlc*, located in the Application Data folder. As long as you use the same database folder, this cache will be used for much faster fire-up times. When you switch database folders, the cache will have to be filled initially, requiring a normal loading of all catalog files once.

## Managing Memory

You can control how much memory CDWinder uses in your system. When handling large amounts of big catalog files, this can be very useful.



The maximum amount of memory can be configured in the preferences' "Database" dialog, by choosing between 10% to 80% of the physical memory as a threshold. When crossing that threshold, CDWinder will try to unload catalogs that are not used right away to clear up memory and keep it in the chosen boundary.



The amount of memory used at any given time is visible in the status bar. The amount on the left is the total system memory used for CDWinder (if supported by your System), the value on the right is the memory used for catalog data. Used memory occupied by loaded catalogs can also be released manually by using the release button (see dialog above).

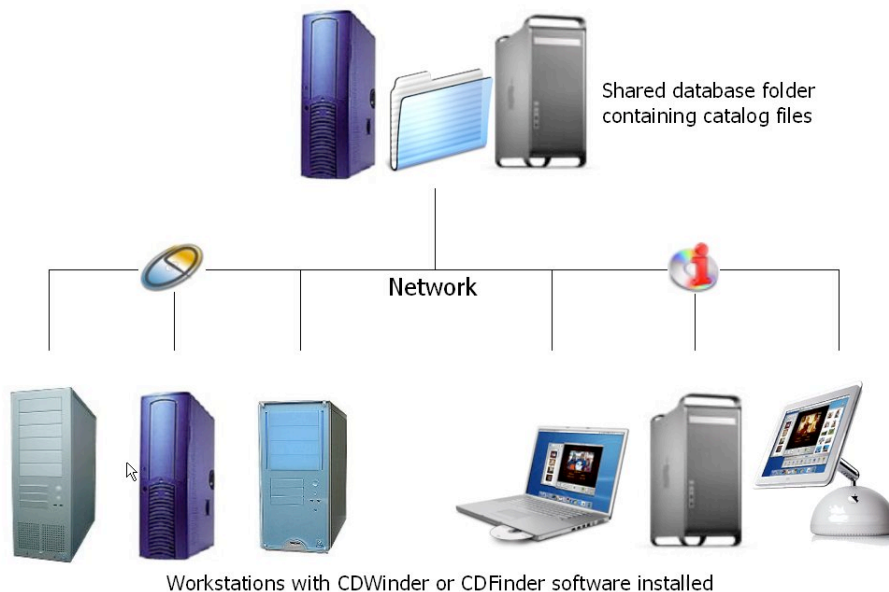


## CDWinder ReadMe

Use CDWinder (and CDFinder) in a network

**NOTE: This feature requires a business license !**

Network usage is simply done by sharing the catalogs you work with – using the same database folder together with your team. Relying on file sharing, this can also be done across platforms.



Setting this up is quite simple: Create a folder on a shared drive, put your catalogs in there (if you have), and use this folder as a database folder in your local CDWinder. The drive containing the database folder will have to be mapped with a local drive letter to do so.

**NOTE:** You will need a business license of CDWinder (and CDFinder, if applicable) to accomplish this.

After setup, all participating users can create and work with the catalogs present, create new ones and/or delete existing ones, too. Depending on the way you want to use this, setting up user rights for different folders or catalogs might be a good idea. CDWinder will recognize write-protected catalogs and handle them accordingly.



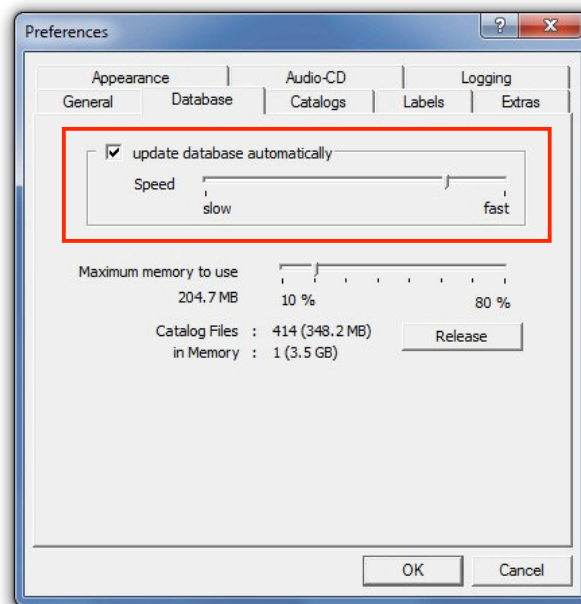
# CDWinder ReadMe

## Keeping in sync

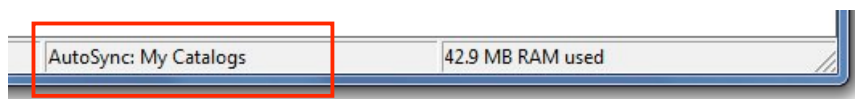
**NOTE: This feature requires a business license !**

Especially when using CDWinder in a network with several users working on the same database folder, it's useful to keep up with the changes being made – e.g. catalogs being created or deleted – during the day.

CDWinder is able to automatically keep it's data up-to-date, reflecting the latest changes in the database folder by using AutoSync.



You can configure AutoSync in the preferences using the "Database" dialog. Simply turn it on and select the speed you're comfortable with.



You can watch AutoSync working in the status bar – it will always tell you if it's running or what's being updated right now. You can use a double-click on that area of the status bar for a shortcut to the corresponding preferences.



## CDWinder ReadMe

### Handling of Audio CD's

Due to a really stupid oversight by the audio industry (only to be repeated with DVDs now by the movie industry!!), Audio-CDs contain no names of tracks or titles, only the audio data itself. To get the appropriate titles, CDWinder uses the Internet database freedb.org.

**Unfortunately, with the rise of copy protected audio-CD's recognition has become difficult, if not impossible.**

### Retreive titles

To read the titles from the freedb.org, CDWinder must have an Internet connection. Without Internet connection, this will not work, and CDWinder will create a catalog that only contains generic titles and the duration of the tracks. In that case, CDWinder will append a special ID to the name of the catalog.

To uniquely identify any Audio-CD, this special ID is calculated from the number of tracks, their duration, and some additional information. But that ID can never be really unique, so it is possible to have different CDs with the same ID. CDWinder will ask you for the correct title if the freedb contains multiple CDs with the same ID, or close matches with similar ID's.

### Audio CD recognition (ASPI interface)

In Windows 2000 and XP, Audio-CD recognition can be improved by utilizing an ASPI-interface. To use the ASPI-interface, provide an ASPI-driver (wnaspi32.dll) in the CDWinder program directory.

In the freedb-preferences pane, there's a checkbox to display the status of the ASPI-interface. If it is enabled, CDWinder found an ASPI-driver and can use it for recognition. If not, no suitable driver was found.

If you are having problems while cataloging CD's, try the different settings. Look for suitable ASPI-drivers (for example [here](#)) and install them correctly.

### Submit titles

It is not yet possible to submit titles to freedb via CDWinder. This will be done in a later version. You can, and you should however, already enter the correct titles to any CD not yet found in freedb. Later versions of CDWinder will then be able to use that information to submit the titles to freedb.



## CDWinder ReadMe

### Cataloging of MP3- and AAC-Tags

CDWinder reads the title, artist, album, year, encoding application name, track number (and total of tracks, if available), genre, and a comment. All these information are optionally included in every MP3 file. If they do not exist in a specific file, CDWinder cannot read them. CDWinder supports all currently known versions of these tags. CDWinder also reads additional data, such as lyrics, or cover art.



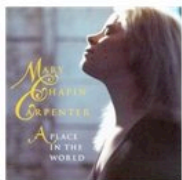
02. Lloyd Webber - Memory [Cats].mp3



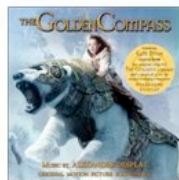
Mark Knopfler - The Ragpicker's Dream -  
02 - Devil Baby.mp3



09 - If God Could Talk.mp3



Mary Chapin Carpenter - A Place In The  
World - 04 - I Want To Be Your Girlfri...



01. -. The. Golden. Compass. mp3



Melissa Etheridge - Skin - 06 - It's Only  
Me. mp3

CDWinder does not allow any modifications of these tags. There are several different tools qualified for this job floating around in the net – iTunes or WinAMP have been our favourites here, and have helped us along quite nicely.

CDWinder also reads the duration of the MP3 track, the compression kind, the bitrate, the sample rate, and the number of channels in the file. All that info is only added to new catalogs if the setting "**Audio files (WAV, AAC & MP3 incl. tags)**" in the Preferences is activated. It should be active by default. Also, cover art will only be cataloged, if QuickTime is installed.

CDWinder does display all available information of an MP3 file in the Properties window for it. There is a tab named "MP3" containing everything we gathered out of the tags. These same information are also shown in the Inspector. And CDWinder displays the compression and duration information in the Media-Info column.

CDWinder will not allow the creation of playlists or any other things you may want for handling your local collection MP3 files. As CDWinder is mainly a catalog application, I don't really want to lose the focus here. Tools like iTunes or WinAMP do a pretty good job with that already. But to look up that song, with that phrase in the lyrics, on that CD that you haven't listened to for a long time, that's where CDWinder shines !

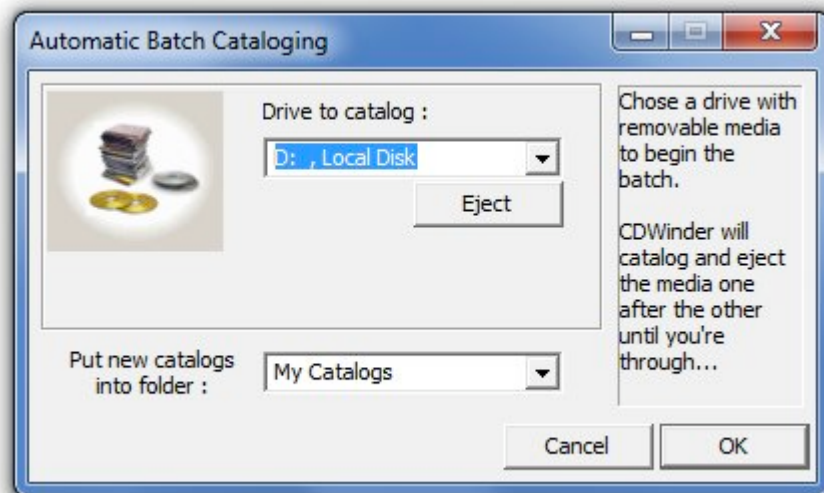


## CDWinder ReadMe

### Automatic Batch Cataloging

I've decided to include a new feature for working through piles of media waiting to be catalogued – mainly inspired by all those Audio-CD's stacking up on my desk. It's just handy to have CDWinder do all the clicks and handling and just switching the discs.

When selecting **Automatic Batch Catalog** from the **File**-menu, you are presented with a new dialog asking for some decisions.



CDWinder lets you select one of the drives available supporting removable media (CD/DVD-ROM-drives, ZIP-drives, even floppy disk drives if there's a disk inside,...) and make a selection about the target Catalog Folder – that's great because for example your AudioCD's go right in their own folder while cataloging them. When pressing OK, CDWinder starts cataloging in the drive you chose or waits for you to insert media there. You can always stop the cataloging process and return to this dialog.

The normal progress-dialog is used to handle all of this and display the current status, so there shouldn't be much of getting used to.



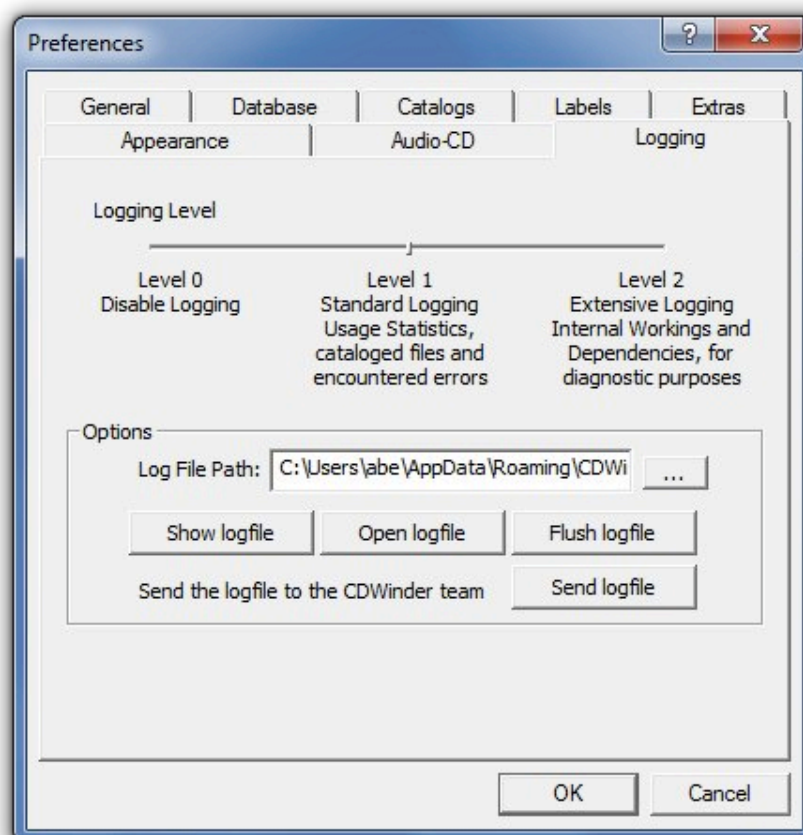


## CDWinder ReadMe

### Logging

In the rare event that CDWinder might fail cataloging that particular disc or have problems starting up, the first task of our support effort is often to find the file(s) responsible. Be it an image or an MP3 that confuses CDWinder's media reader, or a catalog file that will no longer load and mess up every find process.

In those cases, turning on the Logging options of CDWinder can be very helpful, if only to identify the culprit. You can find it in the preferences :



Here you can choose the level of logging, or switch logging off again completely. Which is a good standard setting, anyway. The log files can get quite extensive, and should only be used when you actually need to tend to a specific problem.

You have additional options to specify a different logfile path, if you need to, or tend to the logfile itself by having CDWinder show it to you in Explorer, or by opening it in the standard editor. You can also flush the logfile with a single click from here, if it is no longer needed or too big for your taste.

Lastly, if there is a condition that can harm CDWinder's operation in any way, we are always interested to hear about it, so we can maybe fix that for good in the program itself. So there's another button for you to send us your logfile, along with a description of what it is that you were experiencing.





# CDWinder ReadMe

## Automation

### Command Line Parameters

CDWinder offers a number of command line parameters, to control its behavior of initiate certain actions externally. When used in a batch command or script, CDWinder can be automated and integrated in a Workflow.

- By using the parameters **/db** in the command line, the current instance of CDWinder can be forced to use a specific database folder, instead of the one stored in the preferences (for registered users only)
  - o Usage : **cdwinder.exe /db "D:\myData\catalog files"**
- The parameter **/c** allows to catalog a drive or path
  - o Usage : **cdwinder.exe /c "C:\"**
  - o This can be used to programmatically catalog a specified volume or path, e.g. after burning new disks, as command line in your burning tool of choice.
- Together with **/c** you may use **/cf** to specify the catalog folder to operate in **/** to store the new catalog in
  - o Usage : **cdwinder.exe /cf "test"**
  - o The catalog folder named test is looked up, and used as the destination folder for the cataloging operation
- You can use **/uc** to update a catalog, identified by its name
  - o Usage : **cdwinder.exe /uc "test"**
  - o The catalog named test is looked up, and immediately after startup the update is commenced. The quotes are optional.
- The parameter **/ucf** is most useful if you have a catalog folder with your favourite disks or local harddrives that you want to update regularly.
  - o Usage : **cdwinder.exe /ucf "Local Harddrives"**
  - o The catalog folder is found and identified, and all online volumes in it are scheduled for update, scanned three at a time.
- The parameter **/x** forces this instance to shutdown after processing all tasks ordered by external commands.



# CDWinder ReadMe

## URL Commands

A unique new way to quickly invoke a Find from outside CDWinder are the Find URLs introduced to CDWinder 5.5. These allow you to integrate CDWinder into web sites, or send interesting Find requests by email or simply save them for quicker access.

Since this is a very new feature, we are also excited to hear about how you are using it. Please let us know if you have any more specific needs or ideas, and send us cool queries!

The CDWinder URLs follow the usual URL schemes, beginning with the protocol name, here "cdwinder://", followed by the "find" verb, which is then followed by the find parameter. All verbs are divided by the "/" character, while the actual parameters are using the ampersand "&" character to identify them as types.

Here is a list of all currently possible commands. Please remember that these are URLs, so any special character and even blanks must be encoded properly, such as %20 for blanks.

The "cdwinder://" protocol name will cause Windows to launch your CDWinder, if it isn't running already, and then send it the query string.

<cdwinder://find/any/&contains&name=Meat%20Loaf>

This is the same as the Any Text field search.

File related parameters:

cdwinder://find/file/&contains&name=Supertramp

cdwinder://find/file/&size=256

cdwinder://find/file/&smaller&size=256

cdwinder://find/file/&larger&size=256

Song related parameters:

cdwinder://find/audio/&album=Slippery%20When%20Wet

cdwinder://find/audio/&artist=Mary%20Chapin%20Carpenter

cdwinder://find/audio/&song=Never%20Say%20Die

cdwinder://find/audio/&genre=folk

cdwinder://find/audio/&composer=Bach

cdwinder://find/audio/&year=1970

IPTC related parameters:

cdwinder://find/ipct/&any=Canada

cdwinder://find/ipct/&caption=Cupertino&contains

cdwinder://find/ipct/&caption=California

Other IPTC commands include "writer", "headline", "objectname", "keyword", "category", "author", "title", "credit", "source", "instructions", "date",



## CDWinder ReadMe

"dateanyear", "dateafter", "datebefore", "city", "state", "country", "reference", "copyright", "priority", and "hasiptc".

EXIF related parameters:

```
cdwinder://find/exif/&any=Nikon
cdwinder://find/exif/&iso=1600
cdwinder://find/exif/&exposure=0.0166666667&larger
cdwinder://find/exif/&exposure=0.0166666667
cdwinder://find/exif/&exposure=0.0166666667&smaller
cdwinder://find/exif/&exposure=5.01
cdwinder://find/exif/&fstop=22
cdwinder://find/exif/&fstop=4
cdwinder://find/exif/&fstop=4&larger
cdwinder://find/exif/&fstop=4&smaller
cdwinder://find/exif/&flash=1
cdwinder://find/exif/&flash=0
cdwinder://find/exif/&hasGPS
cdwinder://find/exif/&hasEXIF
```

And, most important, GPS related commands:

```
cdwinder://find/gps/&city=Berlin&distance=12000m
cdwinder://find/gps/&city=San%20Francisco
(by default in this case, CDWinder will assume a distance of 5000 meters
around that point, if you don't provide one.)
cdwinder://find/gps/&city=Golden%20Gate%20Bridge&distance=2000m
```



# CDWinder ReadMe

## Tipps & Tricks & Hidden Settings

### Save and re-use Find queries

CDWinder already saves the last used query automatically, to reload it when you start CDWinder or open the find window the next time. But if you need several find queries more often, you can also save them to query files yourself, to reuse them whenever you like. Just press **Ctrl-S** in the find window, to open a file save dialog and create a query file wherever you like. Later you can activate these queries by simply dragging the query file into the find window. For now, this is kind of a preview - in version 6.0, these queries will be an integral part of the application, and have their own GUI elements.

### Control CDWinder's metadata engines

Depending on your actual installation, you may run into problems that could raise the wish to control CDWinder's metadata generation. We have added some switches that can help you with that :

**Note:** All of these are registry keys that you need to create if you wish to use them. They are all defined as DWORD, with values of 0 (false) or 1 (true).

It may be a good idea to contact our support before activating these, we can help you with the maintenance and probable side effects.

- **prfScnIgnoreVOB** – if 1, .VOB files will be ignored for metadata. 1 by default.
- **prfScnIgnoreTS** – if 1, .TS files will be ignored for metadata. 1 by default.
- **prfDisarmXMP** – if 1, all XMP reading (XMP Toolkit) will be disabled.
- **prfDisarmRAW** – if 1, all RAW reading (libraw) will be disabled.
- **prfDisarmFLAC** – if 1, all FLAC reading (lilbflac) will be disabled.
- **prfDisarmQT** – if 1, all QuickTime reading (AAC, MOV, MP4, ...) will be disabled.
- **prfDisarmDS** – if 1, all Direct Show video reading will be disabled.

### Influence thumbnail quality

CDWinder is able to use two different methods of thumbnail generation – one is faster, but can render blurry results especially for pictures with embedded EXIF thumbnails. The other uses bicubic rendering and always ignores embedded EXIF thumbnails, but needs a little more time.

By default, CDWinder automatically switches between these two methods based on the chosen thumbnail size. Thumbnails with 320px and above are done in high quality, below that in lower quality. You can influence that decision to enforce higher quality or faster processing at your favourite resolution. Enter a new DWORD registry key named **prfThumbnailsHqThreshold** and set it to your preferred threshold.



## CDWinder ReadMe

### Influence double-click behavior for found items

With CDWinder 5.7 we have changed the standard double click behaviour for found items. Now, double clicking opens a found item (in the Explorer, or with the chosen application). Showing the item in the catalog is now only available in the context menu. If you want the old behaviour back (show in catalog on double-click), you can create a new DWORD key in the registry named **kOptFndItemDbClickShowInCatalog** and set it to 1 (true).

### Prevent external windows from disappearing when leaving CDWinder

When you leave CDWinder to switch to other applications, all external windows (Find window, Inspector, GeoFinder) are being hidden, to minimize CDWinder's footprint on your desktop. If you want to keep all windows open, you can create a new DWORD key in your registry named **kOptHideSatellitesOnDeactivate** and set it to 0 (false).

### Where to pick up the thumbnail for a video

CDWinder doesn't simply read the first frame of a video as the thumbnail, as that is often black or really not interesting. Instead, CDWinder calculates the duration of the entire movie file, and tries to grab a frame at about 20% of the duration. You can change that percentage, of course, by looking for and changing the value for **prfScnMoviePrvPrct** in CDWinder's registry settings. You can choose a whole number between 0 and 100, as it is a percentage. 22 would be the default value.

### Prevent CDWinder from cataloging specific files

In the cataloging preferences of CDWinder, you chose the type of metadata and thumbnails you wish to catalog. That user interface doesn't give you full control over which file types are cataloged or not, but CDWinder still allows you to tinker with these settings.

You will need a XML file named **DatabaseSettings.xml**. We have provided you a sample file in the program folder of the CDWinder distribution. To be activated, you must place this text file inside your CDWinder Database folder, usually in your Documents folder. Then launch CDWinder and use the Refresh Database folder command in the File menu to activate the new settings.



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Here is a sample of how that file could look like:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple Computer//DTD PLIST 1.0//EN"
"http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
  <key>cdfIgnoreFolders</key>
  <array>
    <string>Backups.backupdb</string>
  </array>
  <key>cdfIgnoreMetadataFileSuffixes</key>
  <array>
    <string>_M.mov</string>
    <string>_F.mov</string>
    <string>.png</string>
  </array>
</dict>
</plist>
```

This XML basically has two sections, one called `cdfIgnoreFolders` to ask CDWinder to ignore folders with a specific name, and the second called `cdfIgnoreMetadataFileSuffixes`, which forces CDWinder to ignore the metadata in files based on their name suffix. In the case depicted above, all files whose name ends with `"_M.mov"`, `"_F.mov"`, or `".png"` are ignored for lengthy metadata and thumbnail cataloging.

The `".png"` of course keeps all PNG images from showing up with thumbnails and metadata in CDWinder.



# CDWinder ReadMe

## System requirements

CDWinder will run on all current Win32 platforms (Windows 2000, XP, 2003 and Vista). There are no special hardware requirements other than those of your respective Windows version.

CDWinder needs GDI+ to run. On some virgin Windows 2000 systems this may be missing – in that case you can get it from Microsoft.com ([Platform SDK Redistributable: GDI+](#)) and install it separately.

CD-ID-generation can benefit by using an ASPI-driver (wnaspi32.dll). If you do not have on already, you may obtain a driver suitable for CDWinder [here](http://www.poikosoft.com/download.html) (<http://www.poikosoft.com/download.html>).

## Useful Addons / Links

- **QuickTime Player ([apple.com/quicktime](http://apple.com/quicktime))**  
CDWinder uses QuickTime for reading thumbnails of TIFF and PSD images, and MOV movie files.
- **CCCP – Combined Community Codec Pack ([cccp-project.net](http://cccp-project.net))**  
This codec pack contains all current video codecs for Windows' Direct Show, enabling CDWinder to catalog all those movie thumbnails.
- **VLC – Video LAN Client ([www.videolan.org](http://www.videolan.org))**  
VLC is the best free video player out there – doesn't help CDWinder much, but is cool for playing the videos once you've found them.
- **IrfanView ([irfanview.com](http://irfanview.com))**  
With IrfanView you can open and edit all kinds of images, and also enter IPTC metadata. And CDWinder can use it for slideshows.
- **XnView ([xnview.com](http://xnview.com))**  
XnView can help you enter those IPTC metadata infos, and CDWinder can use it to display a slideshow.
- **Google Earth ([earth.google.com](http://earth.google.com))**  
Google Earth is needed for Geotagging, and CDWinder uses it to display GPS coordinates and KMZ files.
- **WindowClippings ([windowclippings.com](http://windowclippings.com))**  
WindowClippings has been an invaluable help in creating all the beautiful screenshots of CDWinder – especially with all the new transparencies in Aero !





## CDWinder ReadMe

How much does it cost and how to contact the author ?

### Pricing

CDWinder has the following pricing, depending on payment method:

	direct	Kagi
<b>CDWinder Personal License</b>		
Single User, full features, but no sharing of catalog files on a file server. Only for private, or personal use.	29 €	\$39
<b>CDWinder Business Licenses</b>		
Multi-User, full features, plus sharing of catalog files on a file server, and also automatic updating of the Database Folder. Required for business use.		
CDWinder 2 User Pack	99 €	\$149
CDWinder 3 User Pack	149 €	\$219
CDWinder 5 User Pack	229 €	\$359
CDWinder 10 User Pack	399 €	\$599
CDWinder 20 User Pack	649 €	\$999
CDWinder 50 User Pack	1299 €	\$1999
CDWinder Site License	2899 €	\$4499

A Site License covers all locations for your organization within a 160 kilometer radius of your site (100 miles). One big advantage of a Site License is that you do not need to keep track of how many people at your site are using the software. To use CDWinder in a network, you need a Business License. Business License User packs can also be combined to reach the number of users you desire.

If you want a CD-ROM, please contact me or order one via Kagi for \$20.

Updates are free and can be obtained at the **CDWinder-Homepage:**

<http://www.cdwinder.de>

Contacting the author:

**My email:**

[abe@kagi.com](mailto:abe@kagi.com)

**Macintosh version!**

<http://www.cdfinder.de>

**My postal address:**

Andreas H. Becherer  
E.-Ollenhauer-Str. 194  
D-65199 Wiesbaden  
Germany



## CDWinder ReadMe

### Payment

#### Payment via PayPal

Payment via PayPal is available directly on our website – just use the BuyNow buttons to initiate the purchase.

#### Payment via Kagi

You can pay for CDWinder online here : <http://order.kagi.com/?32U>

Kagi is our reseller partner, based in the USA.

If paying with **Credit Card** or **First Virtual**, you can email or fax the data to Kagi. Their email address is **sales@kagi.com** and their fax number is +1 510 652-6589.

Payments sent via email are processed by Kagi within a week. You will receive an email acknowledgement when it is processed. Payments sent via fax take up to 20 days and if you provide a correct Internet email address you will receive an email acknowledgement. If you require a written receipt, please keep in mind that even by airmail it might take a week for a letter to arrive. After you receive the acknowledgement by Kagi, I will send you the key as soon as possible. Please keep in mind that CDWinder is not my full-time job, so it could be 4 or even 5 days until you receive your key from me. Usually it will only take one or two days.

If you are paying with **Cash** or **USD Check** you should print the data using the Register application and send it to the address shown on the form, which is:

Kagi  
1442-A Walnut Street PMB #392-1UJ  
Berkeley, California 94709-1405  
USA

You can pay with a wide variety of cash from different countries but at present if you pay via check, it must be a check drawn in US Dollars. Kagi cannot accept checks in other currencies, the conversion rate for non-USD checks is around USD 15 per check and that is just not practical.

If you have a purchasing department, you can enter all the data into the Register program and then select **Invoice** as your payment method. Print three copies of the form and send it to your accounts payable people. You might want to highlight the line that mentions that they must include a copy of the form with their payment. Kagi can not invoice your company, you need to act on my behalf and generate the invoice and handle all the paperwork on your end.

Please do not fax or email payment forms that indicate Cash, Check or Invoice as the payment method. As far as we know, there is still no



## CDWinder ReadMe

technology to transfer physical objects via fax or email, and without the payment, the form cannot be processed.

Payments send via postal mail take time to reach Kagi and then up to 10 days for processing. Again, if you include a correct email address, you will hear from Kagi when the form is processed.

### **Payment via bank transfer (in Euroland)**

Since July 1<sup>st</sup>, 2003 wire transfers in Europa have become easier – and cheaper, too. If you live in Euroland, paying with a wire transfer might be an option for you. Please make sure you verify the fees with your bank.

Please make sure that no extra transfer fees are charged to us. Please also send us an email with your name and address so we know where to send the keyword to.

The bank account information is:

<b>BIC:</b> (Bank Identifier Code)	NASS DE 55
<b>IBAN:</b> (International Bank Account Nr.)	DE13 5105 0015 0131 0060 04
(Account holder: Andreas Becherer.	
Bank: Naspa Wiesbaden, Germany)	

### **Payment directly to the author (Cash only!)**

You can pay **Cash** by simply adding the money to your registration form. This works quite well if the envelope is made of thick paper. I do accept cash in different currencies, please contact me! You can either use the Text document enclosed with CDWinder as a registration form or use the PDF-Registration-Form found in the documentation package.

For any other needs please contact me personally : [sales@cdwinder.de](mailto:sales@cdwinder.de)



# CDWinder ReadMe

## Licensing

Once your payment is processed, you will receive an eMail from us with your license key file. Our license key files are extended XML files, containing all your necessary license information. They are sent to you as eMail attachments.

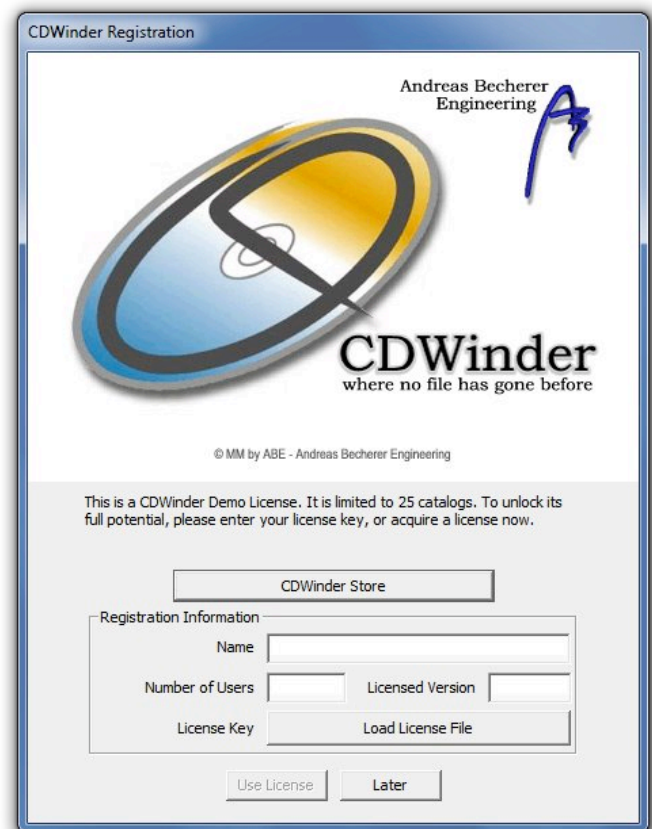
**Note:** If you can not correctly receive eMail attachments at your end for any reason, please make sure to contact us and let us know. We will work out a different mode of delivery with you.

The license file you receive is needed to unlock the registration dialog you see on every start of the CDWinder Demo version. You have several methods of getting the license information into the dialog :

1. You can drag the license file directly from the eMail to the open registration dialog.
2. You can double-click the license file, to have CDWinder recognize it automatically.
3. You can save the license file, and use the **Load License File** button to load the license into the registration dialog.

Once a license is loaded and recognized, you have the option to **Use License** to verify and accept it. You will not see the registration dialog again after that.

If you can not provide a license yet, or something went wrong, you can always postpone the license check by choosing **Later**.



## Upgrading

If you have used a valid license for a previous version, you will get the option to **Request Update**, as a separate button in the dialog. This will prepare a preformatted eMail message to send to us. Once we have all necessary information, we can issue you an upgrade license.

For version 5.7, all users with a valid license for CDWinder 5.x (purchased after May 2007) are eligible to a free update. Users with licenses for older versions (1.0 – 2.6.1) can acquire an upgrade at our CDWinder Stores.

Use the **CDWinder Store** link in the registration dialog, or visit our website [www.cdwinder.com](http://www.cdwinder.com) directly to purchase CDWinder licenses.



# CDWinder ReadMe

## What Is New ?

### Changes Since the Last Version

- improved cataloging : faster, and more stable.
- added detailed OpenStreetMap mapping to the GeoFinder
- enhanced integrated GeoTagging capabilities with the GeoFinder alone
- added photo export feature - convert photos in your database to a specific format and size
- added text file preview cataloging for text files. The first 256 characters of RTF (Rich Text Format), TXT, LOG, and NFO files are read, saved, displayed, and can of course searched
- added FLAC metadata cataloging, for all metadata and cover art.
- added cataloging of metadata and thumbnails for Adobe Illustrator and InDesign files.
- added cataloging of the contents of url and .webloc files, incl. finding and visiting the stored URLs
- added importing of WhereIsIt XML catalog files.
  
- fixed a problem with the importing of BrokenX catalogs
- fixed problems with the sorting via the Order By sub-menu's
- fixed problems with the image quality of our Locr upload
- improved Drag'n'Drop capabilities and handling
- improved volume recognition and (UNC) path handling
- fixed a performance problem when cataloging thousands of RAW images, and several other stability issues during find and cataloging
- fixed a problem with the handling of renamed catalog items
- fixed issues with the slideshows when including folder names or still archived items that caused problems in the external tools.
- added several switches to control the internal engines for cataloging - to turn off XMP, RAW, QT etc. individually.
- added a menu command to swiftly show the logfile if logging is activated
- improved display of and scrolling through large item collections or folders with many thumbnails.
- and addressed and fixed even more smaller problems.

### Version History

- CDWinder 5.6.1     July 22<sup>nd</sup>, 2009
  - improved find : up to 20% faster now, and more stable.
  - enabled UNC for database folders, enhanced general handling of and awareness for UNC paths and folders
  - added confirmation before overwriting existing geotags in files
  - CDWinder now remembers the last used find query and the last cataloged path
  - improved the handling of the command line interface when scanning and updating, especially when running as a scheduled task.



## CDWinder ReadMe

- added storing of Locr settings, including Locr user credentials
  - Expanded the URL handler. It now also offers:
    - `cdwinder://find/audio/&genre=folk`
    - `cdwinder://find/audio/&composer=Bach`
    - `cdwinder://find/audio/&year=1970`
  - added .MPV movies, and sped up thumbnail creation for mp4 movies
  - added a clipboard context menu to the findWindow input controls
  - fixed scaling of catalogued thumbnails for QuickTime-enabled movies
  - fixed a problem with BIGTIFFs that CDWinder can not handle yet
  - fixed and improved the doubleclick handling of certain filetypes
  - fixed the reading of certain TAR archives
  - fixed a problem reading cover art of AIFF and certain AAC files
  - and addressed some smaller problems.
- 
- **CDWinder 5.6      May 5<sup>th</sup>, 2009**
    - CDWinder now creates thumbnails for movie files! This uses DirectShow and / or QuickTime, and includes a number of file formats, such as avi, mov, mp4, m4v, mpg, flv, mkv, and more – if the required codecs are installed. We tested CDWinder with a DirectShow codec pack like CCCP. Also, CDWinder doesn't use the first frame of a movie, but grabs a thumbnail at about 20% of the duration of the movie
    - With CDWinder you can now geotag your pictures with Google Earth (utilizing Phil Harvey's exiftool). If you create a catalog of an online volume, you can use CDWinder and Google Earth to geotag the picture in the catalog and in the file itself.
    - CDWinder now offers Locr-Upload capabilities. It works for photos with or without geotags, and you can upload single or multiple photos. Also, you can get a list of your albums on the Locr server, and place the uploaded photos in one of them or create a new one
    - CDWinder can finally catalog UNC paths (Network Places) without the need of a mapped drive letter
    - CDWinder can now also catalog the GPS coordinates stored in sidecar XMP files or XMP records in photos
    - New RAR code to catalog the contents of archives larger than 4 GB
    - KMZ Export has been improved with better KML content, an option to use the KMZ TimeStamp, and an option to include the metadata or not
    - You can now exclude files from cataloging based on their name suffixes, or folders based on their name. This is handled by a file named DatabaseSettings.xml in your CDWinder database folder.
    - CoverArt of AAC-Songs will now be cataloged again, supporting the yet again changed format introduced with iTunes 8
    - The Podcast info text of songs is now cataloged, and will be displayed, and can of course be searched as well
    - The comment inside JPG photos is now cataloged (that is the unique JPG comment, not the IPTC comment, which CDWinder can already catalog since version 2.5)
    - Due to popular demand, CDWinder now has separate sorting for folders, just like in Windows Explorer
    - Fixed a bug where finding IPTC or EXIF criteria in Found Items would not work
    - Fixed a problem with the genre of miscellaneous audio files
    - And, as always, we fixed several other bugs...
  - **CDWinder 5.5.5      11. February 2009**
    - improved RAW support : added GPS from RAW EXIF, increased compatibility to more RAW thumbnails





# CDWinder ReadMe

- added Spanish language
  - fixed : bug that could prevent CDWinder from starting up from a network database folder
  - fixed : problems with switching between display modes
  - fixed : some columns in the main window or find window were not correctly filled
  - and addressed some smaller problems.
- 
- **CDWinder 5.5      6. January 2009**
    - CDWinder can read previews and EXIF data from RAW images
    - CDWinder now catalogs important metadata of movie files (avi, mov, mp4, m4v, mpg, flv), such as the size and duration, as well as the frame rate and codec
    - CDWinder now catalogs XMP metadata out of RAW, TIFF, PDF, EPS, JPG, and even sidecar files, increasing the compatibility to Adobe Bridge and all other Adobe applications
    - The new GeoFinder dramatically improves the Geo-Search feature: A fully interactive map allows you to specify the starting point for your search, and you can use the current Google Earth position, along with preset locations and a new place search
    - CDWinder can now export geotags into the KMZ format, including previews of the actual photos and important metadata, such as the location and camera parameters. That does of course work for any photo formats
    - All photos with GPS data now have the GeoTagIcon badged to their thumbnail in the CDWinder windows
    - When cataloging GPS data, CDWinder now also reads the azimuth, tilt, and distance values written by Graphic Converter and some GPS modules attached to Nikon cameras. This value is then used for "Reveal in Google Earth", as well as the KMZ export file
    - Added SmugMug, WikiMapia, Yahoo Maps, Geoudy, OpenStreetMap, and Woohpy to the GPS menu
    - Find can now also search by path
    - CDWinder can now handle a wide range of URLs, such as `cdwinder://find/gps/&city=Berlin&distance=5000m` or `cdwinder://find/audio/&album=Crime%20Of%20The%20Century`. You can use that to interactively integrate CDWinder into your web sites and more.
    - Extended the Export to include MP3, EXIF, and IPTC metadata of all found items properly
    - The IPTC metadata in any export now has no Return characters, but these are replaced by either a comma or a blank
    - CDWinder is now able to write a logfile, especially useful for identifying corrupt catalogs or rogue media files that mess up the metadata reader
    - The thumbnails in the detail window can now be scaled (64 - 512 pixels)
    - CDWinder offers a new light table view with a dark window background, that enhances visibility with media thumbnails
    - CDWinder can use the external programs IrfanView or XnView, if installed, to show images in a slideshow.
    - CDWinder now accepts its own catalog files with drag & drop into the catalog list. Any such files are now copied to the CDWinder database folder and used
    - Fixed a bug with the Batch Catalog Scan that caused unending loops when a catalog already existed in the database
    - And, as always, we fixed several other bugs...
  - **CDWinder 5.1.1      16. April 2008**
    - CDWinder can now catalog all metadata of AIFF songs, including Cover Art, Lyrics and all other typical fields



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- MP3 Cover Art is now being read from ID3v2.2 format tags as well as the ID3v2.3 tags
  - CDWinder can now show more than one photo in Google Earth, and exports the GPS coordinates of all selected photos (along with their names and IPTC caption) into a KML file (to be used with Google Earth and other applications)
  - The GPS distance search window now displays the selected coordinate in a nice world map
  - All GPS related context menu entries now use the GPS icon from <http://www.geotagicons.com/>
  - The Inspector now also shows the altitude of GPS coordinates
  - Fixes problems with the catalog serial number, and CDWinder can now renumber existing catalogs, too.
  - Fixes a bug in the GPS distance search, where a rounding error could sometimes produce incorrect results
  - Fixes a bug when some JPG photos with XMP metadata would prevent CDWinder from reading the IPTC comments of the file
  - Fixes a bug with navigating folders inside of scanned archives
  - Fixes a bug with the display of UniCode characters of updated catalogs
- **CDWinder 5.1      26. February 2008**
    - QuickUpdate: Updating existing catalogs in CDWinder is now about 50 times faster than before, because CDWinder now keeps the unchanged meta-data around
    - QuickFind: a search field in the main toolbar now allows to find any text in all catalogs directly and quickly
    - New extended Find context menus: Find files with the same MP3 artist, album, title or composer, or based on IPTC meta-data or date values
    - Vastly extended GPS geotag support: CDWinder can now also show the location of a photo in Flickr, Panoramio, Google Maps or MapQuest
    - Find photos based on their GPS location and distance relative to another photo
    - Cataloging ZIP archive contents is about 20 times faster than before, due to a new and improved algorithm
    - Cataloging of MP3 and AAC tags is now fully Unicode compatible as well
    - CoverArt in MP3 and AAC is now cataloged as well
    - Ringtone audio files are also being cataloged
    - CDWinder now optionally generates a FileCheck value for every file, and allows you to verify that at any time. Important for photographers and everyone else who wants to ensure that their data is still alive and unchanged
    - CDWinder can now import Broken Cross XML database files or export files and Advanced Disk Catalog (ADC for Windows) XML export files as catalogs
    - And, as always, we fixed several bugs...
  - **CDWinder 5.0.2      7. November 2007**
    - massively improved performance when scanning thumbnails (about 10x-20x faster)
    - improved the folder-browsing dialogs by preselecting the last used folder as appropriate
    - fixed problems with huge catalog files (larger than 2 GB), and improved file handling
    - fixed handling of empty catalog files
    - fixed inspector display issues (information was vanishing randomly)
    - fixed problems with identifying different AudioCD-catalogs
    - addressed a number of issues concerning stability and fault tolerance.



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- CDWinder 5.0.1      7. July 2007
    - integrated "Show In GoogleEarth" for GPS-tagged pictures !
      - once an image is geotagged (either in the camera, or by additional software) and cataloged, it can always be located anywhere on the globe !
    - added a search for object kind (Folder, Picture, Movie, ...)
    - fixed several bugs
      - enhanced: cataloging of TIFFs, EXIF & IPTC records, ZIP archives
      - fixed: disappearing catalogs after restart
      - fixed: undeleteable catalog folders
      - fixed: catalogs' Extra Fields were not included in searching
      - enhanced: parsing of the command line
      - and others
  - CDWinder 5            22. May 2007
    - CDWinder can now catalog thumbnail previews for photo and image files of several types (JPG, TIFF, PSD, PNG, GIF, BMP)
    - Enhanced user interface: CDWinder's list windows can be switched between the list and a new icon view mode, to see all those thumbnails in full glory. Navigational controls and history ease your path through your data, and allow better control.
    - Full Unicode support: All new catalogs created by CDWinder 5.0 now contain the full Unicode file names, comments, and such
      - Date and number outputs are correctly locale formatted
      - Date inputs for search criteria use a calendar control
    - New additional run time parameters: CDWinder is now able to catalog media or update existing catalogs or folders by specifying parameters at startup. That way you can have CDWinder catalog every disk you burn, or update specific catalogs over night.
    - A number of bugs was fixed
  - CDWinder 2.6.1      18. December 2006
  - CDWinder 2.6        2. December 2006
  - CDWinder 2.5        4. October 2005
  - CDWinder 2.0.1      17. April 2005
  - CDWinder 2.0        26. March 2005
  - CDWinder 1.9.1      22. December 2003
  - CDWinder 1.9        2. November 2003
  - CDWinder 1.8        22. June 2003
  - CDWinder 1.7.1      3. February 2003
  - CDWinder 1.7        15. December 2002
  - CDWinder 1.6        31. March 2002
  - CDWinder 1.5.1      19. December 2001
  - CDWinder 1.5        25. November 2001, The Audio Edition
  - CDWinder 1.2        29. July 2001
  - CDWinder 1.1.1      29. April 2001
  - CDWinder 1.1        24. March 2001
  - CDWinder 1.0.1      14. January 2001
  - CDWinder 1.0        18. December 2000
- very first release of CDWinder.



## CDWinder ReadMe

### Limitations

The unregistered version of CDWinder will annoy you at every launch with a little dialog reminding you of the benefits of paying the registration fee. The number of catalogs is also reduced to 25, which is surely enough to evaluate the application and its functions.

### Credit

For its many tasks, CDWinder in part has to rely on additional libraries that offer specialized services.

- Reading of RAW files, their metadata and previews is supported by libraw ([www.libraw.org](http://www.libraw.org), under license)
- Reading of XMP metadata is enabled by Adobe's XMP Toolkit
- XML support is partly (in importing foreign XML catalog formats) supported by tinyXML
- Zip archive creation (MKZ files, logfile zipping) is enabled by Lucian Wischik's Zip Utils, based on Info-ZIP and zlib.
- Writing geotags in the actual image files is made possible by integrating Phil Harvey's exiftool (<http://www.sno.phy.queensu.ca/~phil/exiftool/>).

The expressive licensing can be found in the accompanying "CDWinder Software License.txt".



# CDWinder ReadMe

## Legal Stuff

The application "CDWinder" and all included materials are protected by copyright. You may not disassemble it or modify it with similar tools.

You may copy the program together with all additional documents but without your personal license key as often as you want, as long as you don't modify any part of it! You may not sell it or use it commercially in any other way without my written consent.

If you want to distribute CDWinder on a shareware collection CD-ROM or anything like that, simply inform me with an email or a letter. I'd also like to have a copy of the CD-ROM, if possible...

For a trial period of 30 days you may freely use the program. After that, you need to register it.

In absolutely no way am I responsible for any damage occurring by the use of the software.

Detailed license conditions are stated in the include Software License.

## Acknowledgements

First of all I'd like to thank my friend and partner Norbert. Without him I wouldn't be doing any of this, and it wouldn't be as much fun.

I also want to thank my family and friends, for their continued understanding and support, especially when we code deep into the night once again...

Special Thanks go to David S. Lopez for the Spanish translation of CDWinder !

Thanks to all the beta testers, especially Andreas Sesterhenn and Stefan Hofmann, for their feedback and their efforts.

## Famous last words

Hopefully you have as much fun and benefit using CDWinder as I have developing it. If you find anything I haven't addressed here, please don't hesitate to contact me. I'm always open for ideas, suggestions, problems and laudation ☺.

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- 21ST APRIL 2010 -

Andreas Becherer  
Engineering