



Introduction to GSAK V8.2 (Geocaching Swiss Army Knife)

The Basics

By: Allyn56

The Basics

This tutorial will cover the basics of GSAK.

- ❑ What is it?
- ❑ Where do you get it?
- ❑ How do you install it?
- ❑ How do you use it?
- ❑ Why use it?



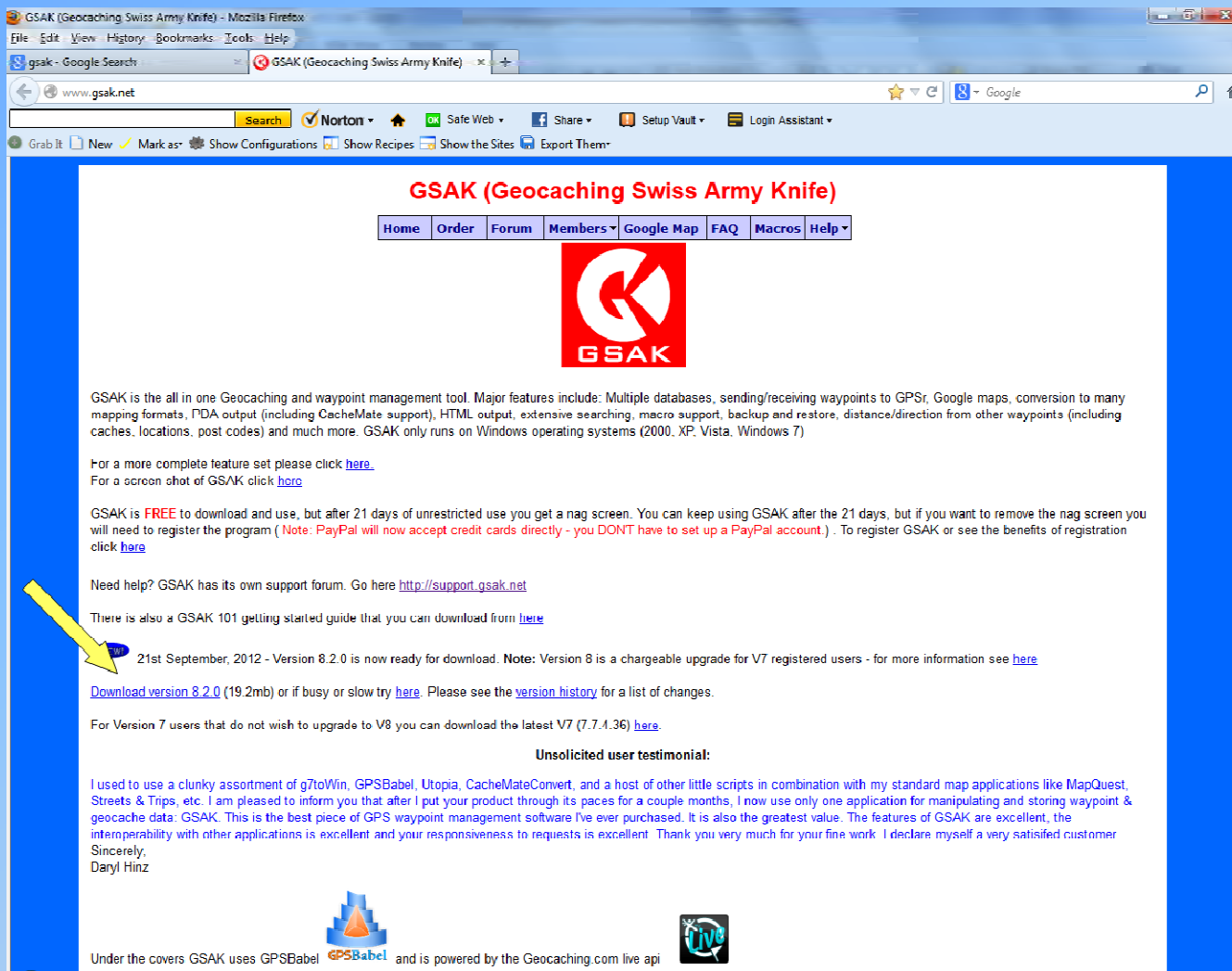
What is GSAK?

- ❑ Offline database program tailored to Geocaching
- ❑ Support for multiple databases and views
- ❑ Extensive filtering, sorting, and searching capabilities
- ❑ Displays waypoints using Google Maps
- ❑ GPS device input and output
- ❑ Highly configurable
- ❑ Extendable through powerful macros
- ❑ \$30 per user license (can be installed on multiple computers)
- ❑ Free but after 21 days Nag Screen



Where Do You Get It?


From www.gsak.net



The screenshot shows a Mozilla Firefox browser window displaying the GSAK website. The browser's address bar shows the URL www.gsak.net. The website's main heading is "GSAK (Geocaching Swiss Army Knife)" in red. Below the heading is a navigation menu with links for Home, Order, Forum, Members, Google Map, FAQ, Macros, and Help. The GSAK logo, a red square with a white stylized 'G' and 'K' and the text "GSAK" below it, is centered on the page. The main content area contains several paragraphs of text. A yellow arrow points to a news item dated 21st September, 2012, which states that version 8.2.0 is now ready for download. The text describes the features of GSAK, including multiple databases, waypoint management, and support for various mapping formats. It also mentions that GSAK is free to download and use, but requires registration after 21 days of unrestricted use. A testimonial from Daryl Hinz is included, praising GSAK as the best piece of GPS waypoint management software he has ever purchased. At the bottom of the page, there are logos for GPSBabel and Geocaching.com, and a note stating that GSAK uses GPSBabel and is powered by the Geocaching.com live api.

GSAK (Geocaching Swiss Army Knife)

Home Order Forum Members Google Map FAQ Macros Help




GSAK is the all in one Geocaching and waypoint management tool. Major features include: Multiple databases, sending/receiving waypoints to GPSr, Google maps, conversion to many mapping formats, PDA output (including CacheMate support), HTML output, extensive searching, macro support, backup and restore, distance/direction from other waypoints (including caches, locations, post codes) and much more. GSAK only runs on Windows operating systems (2000, XP, Vista, Windows 7)

For a more complete feature set please click [here](#).
For a screen shot of GSAK click [here](#).

GSAK is **FREE** to download and use, but after 21 days of unrestricted use you get a nag screen. You can keep using GSAK after the 21 days, but if you want to remove the nag screen you will need to register the program (**Note: PayPal will now accept credit cards directly - you DONT have to set up a PayPal account.**) . To register GSAK or see the benefits of registration click [here](#)

Need help? GSAK has its own support forum. Go here <http://support.gsak.net>

There is also a GSAK 101 getting started guide that you can download from [here](#)

 21st September, 2012 - Version 8.2.0 is now ready for download. **Note:** Version 8 is a chargeable upgrade for V7 registered users - for more information see [here](#)



[Download version 8.2.0](#) (19.2mb) or if busy or slow try [here](#). Please see the [version history](#) for a list of changes.

For Version 7 users that do not wish to upgrade to V8 you can download the latest V7 (7.7.1.36) [here](#).

Unsolicited user testimonial:

I used to use a clunky assortment of g7toWin, GPSBabel, Utopia, CacheMateConvert, and a host of other little scripts in combination with my standard map applications like MapQuest, Streets & Trips, etc. I am pleased to inform you that after I put your product through its paces for a couple months, I now use only one application for manipulating and storing waypoint & geocache data: GSAK. This is the best piece of GPS waypoint management software I've ever purchased. It is also the greatest value. The features of GSAK are excellent, the interoperability with other applications is excellent and your responsiveness to requests is excellent. Thank you very much for your fine work. I declare myself a very satisfied customer.

Sincerely,
Daryl Hinz



Under the covers GSAK uses GPSBabel and is powered by the Geocaching.com live api



Install

Download the file (GSAK820B11.exe) and then double click on the file.

It will default load to C:\Program Files (x86)\gsak on Windows 7 (C:\Program Files\gsak on Vista and XP).

With Windows 7 it will also install a folder on the App Data folder in the user folder (User\AppData\Roaming\GSAK) – This is the location where all of the backups, data and macros will go for Windows 7 since the Program Files folder is restricted. For Vista and XP data and macros will be stored in the Program Files\gsak folders.



Pre-Setup Information

Before you use GSAK you will need to configure your profile at Geocaching.com as well as get some important information to insert into GSAK.

Go to <http://www.geocaching.com/account/default.aspx>

Get the following information and switch the settings to GPX 1.0.1

Your Profile		Edit Change Password
Username:	Allyn56	
Member ID:	123456	
Full Name:*	Allyn56	
Address:*		
Occupation:	Tupperware Finder	
Location:	Las Vegas, NV	
Forum Title:	Premium Member	
Signature:	Review Forum Signature	

*This information is not public

Your Preferences		Change
Language:	English	
Time Zone:	Eastern : Eastern Time (U.S. & Canada)	
	Show Daylight Savings Time	
Display Units:	Use Imperial Units	
Instant Message:	None Specified	
Friend Requests:	Allow Friend Requests	
GPX Version:	GPX 1.0.1	Must be set to GPX 1.0.1 to get Attribute Information



Initial Setup

Find the shortcut for GSAK on your computer and double click to open the program. At the top of the main page you will see a tab for Tools. Click that tab and then click on Options. Under the General Tab in the top left corner you will see a spot for entering your GC ID#.

Enter your User ID number from Geocaching.com and click on the User ID # button as shown. Also this is where you can change your units to miles or leave as kilometers. This page also gives you the ability to change many other settings in the future.



Setup User ID#

User ID#

Options

General | HTML | Locations | Display | Abbreviations | Keyboard shortcuts | Advanced

Default action when you double click on a waypoint
Show offline in browser

Method for matching owned and found caches
 Exact match Wild card match Owner ID# RegEx

123456

Application data
C:\Users\Alynn\AppData\Roaming\gsak

Database Folder
C:\Users\Alynn\AppData\Roaming\gsak\data

User Sort
Current Value 0 Increment By 10

Automatically sort by distance after setting a centre point
 Move to first waypoint after column sequence change
 Show tips at start up
 Suppress "Customize" popup hint
 Automatically size status bar to fit
 Name/code search beep rather than zero records message
 Suppress "Finished OK" messages

Status Attributes

	Colour	Priority
Unavailable/Archived	[Red]	1
Placed	[Green]	2
Found	[Yellow]	3
Not found	[White]	4

Distance calculation
 Kilometres Miles

Calendar Start Day
Sun

Date Format
MM/dd/yyyy

Automatic Backup
 Enable Prompt Include images 1 Frequency

C:\Users\Alynn\AppData\Roaming\gsak\backup

Sort column colour [Yellow] Active row [Cyan]

User flag line color [White]

Smart Name
Drop words the,this,a,is
Length 8 Keep chars []
Conversions [] Edit

OK Cancel Help



Setup Options & Folders

On the same page you can also see the location of the folders holding:

- ❑ Your Databases
- ❑ Application Data
- ❑ Backups

You can also adjust the frequency on backups for the system. This will backup your settings, databases and other important information. I have mine set at 1 which is the default and it does not impact performance.



Setup Options & Folders

Options

General | HTML | Locations | Display | Abbreviations | Keyboard shortcuts | Advanced

Default action when you double click on a waypoint
Show offline in browser

Method for matching owned and found caches
 Exact match Wild card match Owner ID# RegEx
123456

Application data
C:\Users\Allyn\AppData\Roaming\gsak

Database Folder
C:\Users\Allyn\AppData\Roaming\gsak\data

User Sort
Current Value 0 Increment By 10

Automatically sort by distance after setting a centre point
 Move to first waypoint after column sequence change
 Show tips at start up
 Suppress "Customize" popup hint
 Automatically size status bar to fit
 Name/code search beep rather than zero records message
 Suppress "Finished OK" messages

Status Attributes

Colour	Priority
Unavailable/Archived	1
Placed	2
Found	3
Not found	4

Highlight Code First column
Reset to default settings

Distance calculation
 Kilometres
 Miles

Calendar Start Day
Sun

Date Format
MM/dd/yyyy

Automatic Backup
 Enable Prompt Include images 1 Frequency
C:\Users\Allyn\AppData\Roaming\gsak\backup

Sort column colour Active row
User flag line color Grid font ...

Smart Name
Drop words the.this.a.is
Length 8 Keep chars
Conversions Edit

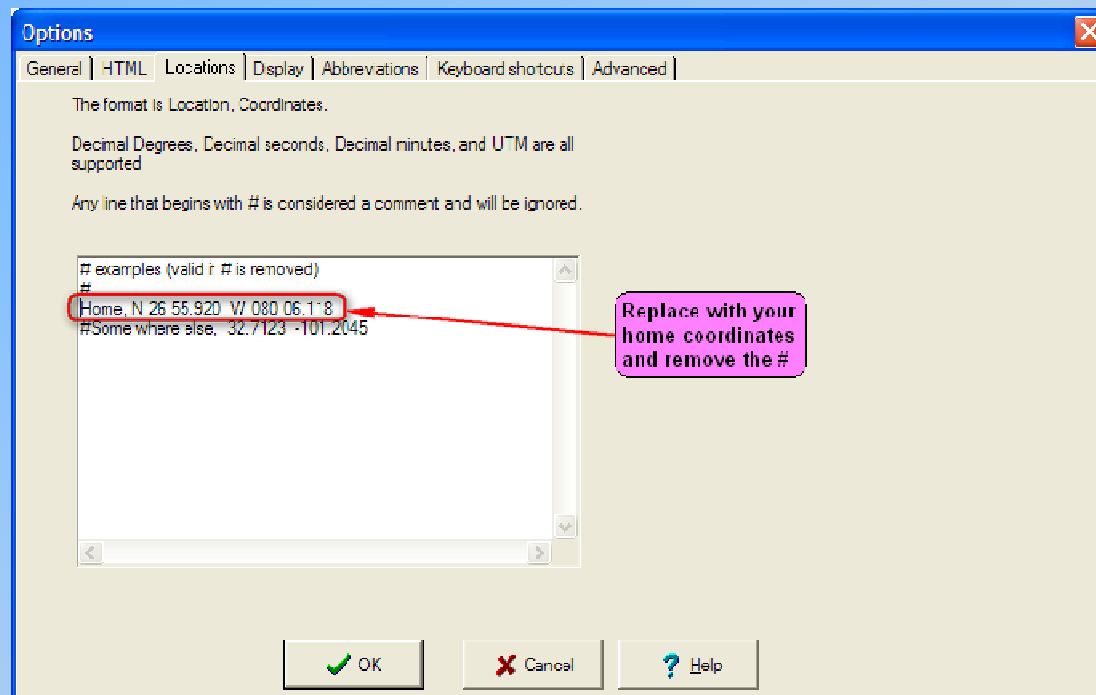
OK Cancel Help



Setup Home Location

You will also need to set your home location in order to take advantage of some key filtering in GSAK.

On the Options page click on Locations to open that window and enter your home location.



Setup GPS

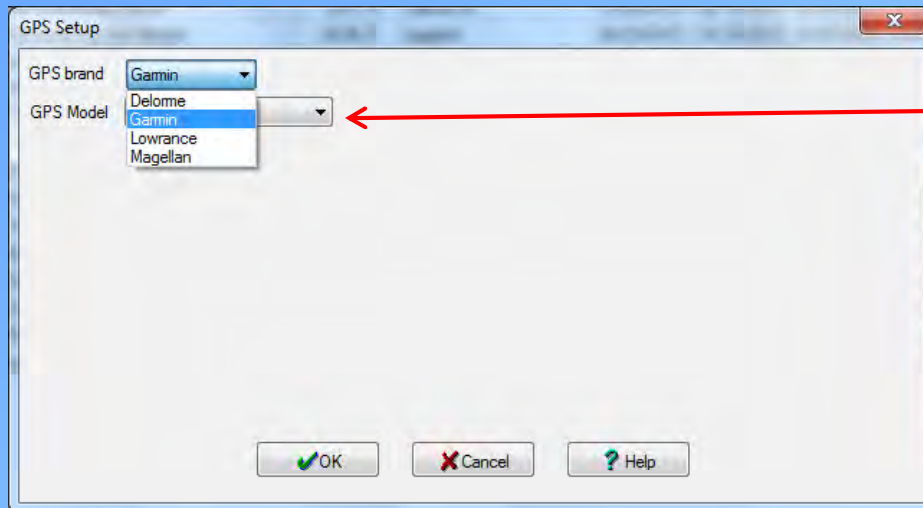
In order to take advantage of GSAK you need to let it know what type of GPS unit you use and will connect to the computer.

On the main tab on any page click on “GPS” and you will get a pull down menu with “Setup” at the top. Click on that tab and you will get a screen that asks for your Make of GPS unit and another for your Model. I have a Garmin Montana 650t so the following page will reflect that.

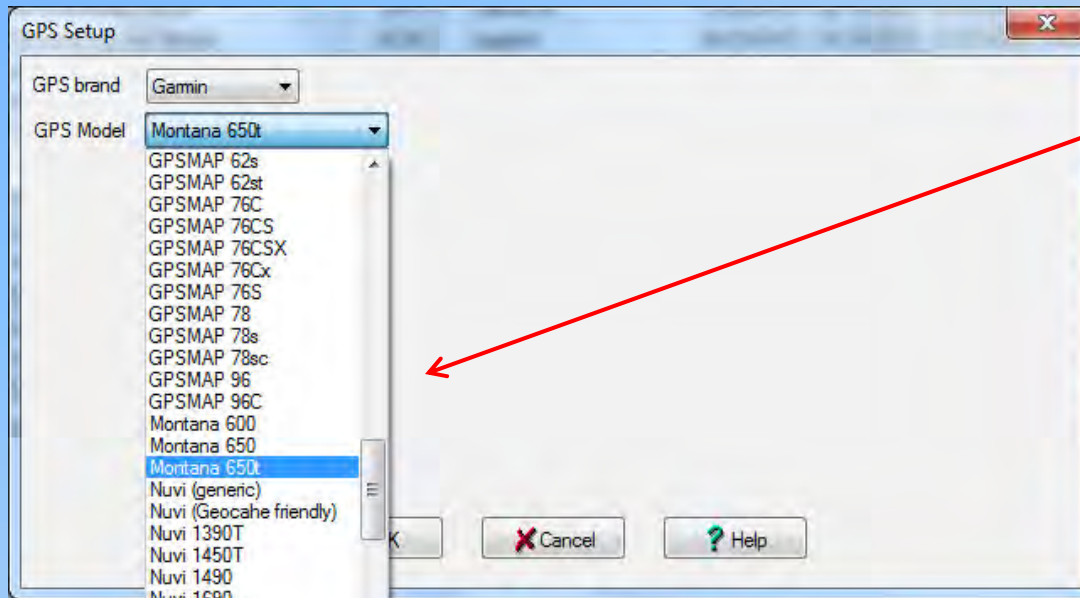
If you don't see your Model just use the Generic USB tab.



Setup GPS



Select Model Here



Select Make Here



Databases

You are now setup to begin using GSAK. The power of GSAK is that you can use multiple databases to store and sort your GPX files that you download from GC.com via the cache page or through pocket queries.

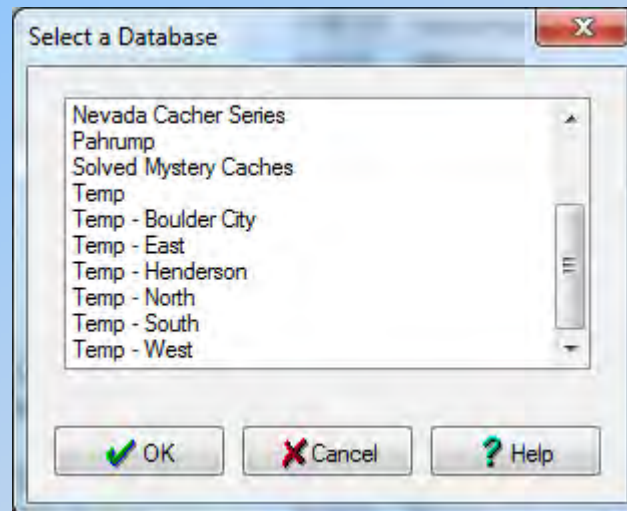
GSAK starts with one database which is “Default”. I have added several to manage my files and to also make it easier to load only the GPX files I want when I head out on the hunt.

The databases include those caches you have not yet found, the ones you have found (very important for later use) and your placed caches.



Select Databases

On the main tool bar at the top of any GSAK page click on Database, then click on select. This is a partial view of how mine is setup. I use Temp databases per location to give me better access on my GPSr. Not shown is a database for My Finds (caches I have found are kept in their own database) and My Caches (the ones I own)..



Create Databases

To create your own database, click on the “Database” tab and then select “New” to get the following page. Enter a name for your database and click on “Create”. Do this as many times as you want. The Database Select window is fixed so if you have more than you can view you will have to scroll down.

New Database

Database name

Database Options

Use defaults

Associated view: *Last Active*

Split screen: Use current

Sort Sequence: Use current

Disable smart names:

Smart name length: Use Config

Run macro: [Browse]

Center point: Use same as last open of this database [Grab current]

Description: [] Coordinates: []

Override config method for matching owned and found caches:

Exact match Wild card match Owner ID# RegEx

Notes: []

Settings: ... Last active [Save] [Delete]

[Create] [Cancel] [Help]

Database Name



Using Databases

Now it's time to add files to your database. I do it in two ways.

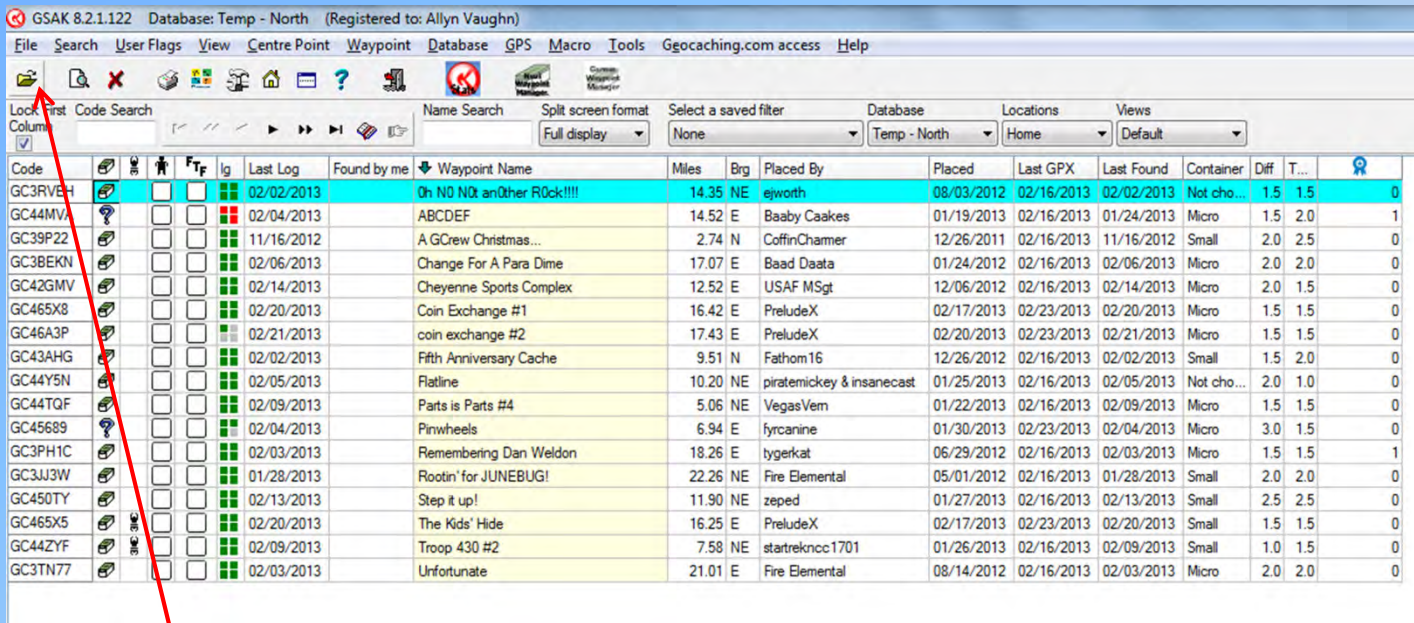
The main way is I load individual GPX files I download from GC.com into a folder on my computer that is associated with my database. (Temp East folder for Temp East database).

The second way is I can download a pocket query from GC.com and load that into a database specific to the pocket query. You can do it anyway you like.



Loading Databases

Below is a database I have setup for the North side of town. It has some caches already loaded in and when I want to add, I click on the “Open” folder button as shown at the red arrow.



The screenshot shows the GSAK 8.2.1.122 software interface. The title bar reads "GSAK 8.2.1.122 Database: Temp - North (Registered to: Allyn Vaughn)". The menu bar includes File, Search, User Flags, View, Centre Point, Waypoint, Database, GPS, Macro, Tools, Ggocaching.com access, and Help. The toolbar contains various icons, including a folder icon with a red arrow pointing to it, labeled "Open Folder". Below the toolbar is a control panel with fields for "Lock First Column", "Code Search", "Name Search", "Split screen format", "Select a saved filter", "Database" (set to "Temp - North"), "Locations" (set to "Home"), and "Views" (set to "Default"). The main area displays a table of waypoints with columns: Code, Lock, First, Code Search, F, F, lg, Last Log, Found by me, Waypoint Name, Miles, Brg, Placed By, Placed, Last GPX, Last Found, Container, Diff, T..., and a blue icon. The table contains 20 rows of data.

Code	Lock	First	Code Search	F	F	lg	Last Log	Found by me	Waypoint Name	Miles	Brg	Placed By	Placed	Last GPX	Last Found	Container	Diff	T...	Blue Icon
GC3RVEH							02/02/2013		Oh NO NOt anOther R0ck!!!!	14.35	NE	ejworth	08/03/2012	02/16/2013	02/02/2013	Not cho...	1.5	1.5	0
GC44MVA							02/04/2013		ABCDEF	14.52	E	Baaby Caakes	01/19/2013	02/16/2013	01/24/2013	Micro	1.5	2.0	1
GC39P22							11/16/2012		A GCrew Christmas...	2.74	N	CoffinChamer	12/26/2011	02/16/2013	11/16/2012	Small	2.0	2.5	0
GC38EKN							02/06/2013		Change For A Para Dime	17.07	E	Baad Daata	01/24/2012	02/16/2013	02/06/2013	Micro	2.0	2.0	0
GC42GMV							02/14/2013		Cheyenne Sports Complex	12.52	E	USAF MSgt	12/06/2012	02/16/2013	02/14/2013	Micro	2.0	1.5	0
GC465X8							02/20/2013		Coin Exchange #1	16.42	E	PreludeX	02/17/2013	02/23/2013	02/20/2013	Micro	1.5	1.5	0
GC46A3P							02/21/2013		coin exchange #2	17.43	E	PreludeX	02/20/2013	02/23/2013	02/21/2013	Micro	1.5	1.5	0
GC43AHG							02/02/2013		Fifth Anniversary Cache	9.51	N	Fathom16	12/26/2012	02/16/2013	02/02/2013	Small	1.5	2.0	0
GC44Y5N							02/05/2013		Flatline	10.20	NE	piraticmickey & insanecast	01/25/2013	02/16/2013	02/05/2013	Not cho...	2.0	1.0	0
GC44TQF							02/09/2013		Parts is Parts #4	5.06	NE	VegasVem	01/22/2013	02/16/2013	02/09/2013	Micro	1.5	1.5	0
GC45689							02/04/2013		Pinwheels	6.94	E	fyranine	01/30/2013	02/23/2013	02/04/2013	Micro	3.0	1.5	0
GC3PH1C							02/03/2013		Remembering Dan Weldon	18.26	E	tygerkat	06/29/2012	02/16/2013	02/03/2013	Micro	1.5	1.5	1
GC3JJ3W							01/28/2013		Rootin' for JUNEBUG!	22.26	NE	Fire Elemental	05/01/2012	02/16/2013	01/28/2013	Small	2.0	2.0	0
GC450TY							02/13/2013		Step it up!	11.90	NE	zeped	01/27/2013	02/16/2013	02/13/2013	Small	2.5	2.5	0
GC465X5							02/20/2013		The Kids' Hide	16.25	E	PreludeX	02/17/2013	02/23/2013	02/20/2013	Small	1.5	1.5	0
GC44ZYF							02/09/2013		Troop 430 #2	7.58	NE	startreknc1701	01/26/2013	02/16/2013	02/09/2013	Small	1.0	1.5	0
GC3TN77							02/03/2013		Unfortunate	21.01	E	Fire Elemental	08/14/2012	02/16/2013	02/03/2013	Micro	2.0	2.0	0

Open Folder



Loading Databases

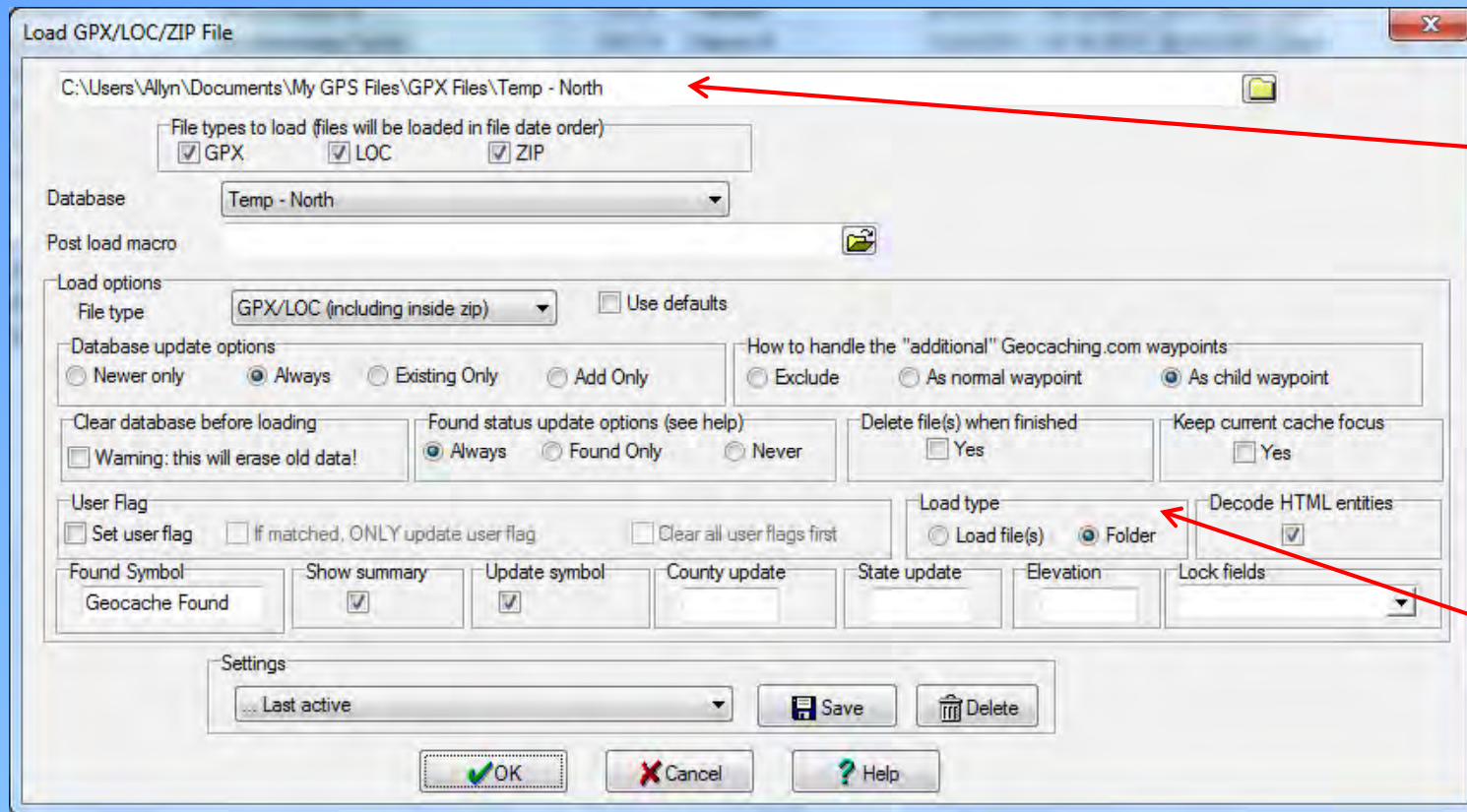
The following slide will show the pop up window where I can load files into the database. This works for all type of files. I can enter:

- ❑ Individual files – one at a time by clicking on the Load Type Files button. This works for either single files or pocket queries.
- ❑ Multiple single files that reside in a folder by clicking on the Load type Folder button shown.

At the top find the location of the folder or file on your computer you want to load. Once you find it click on the “OK” button at the bottom.



Loading Databases



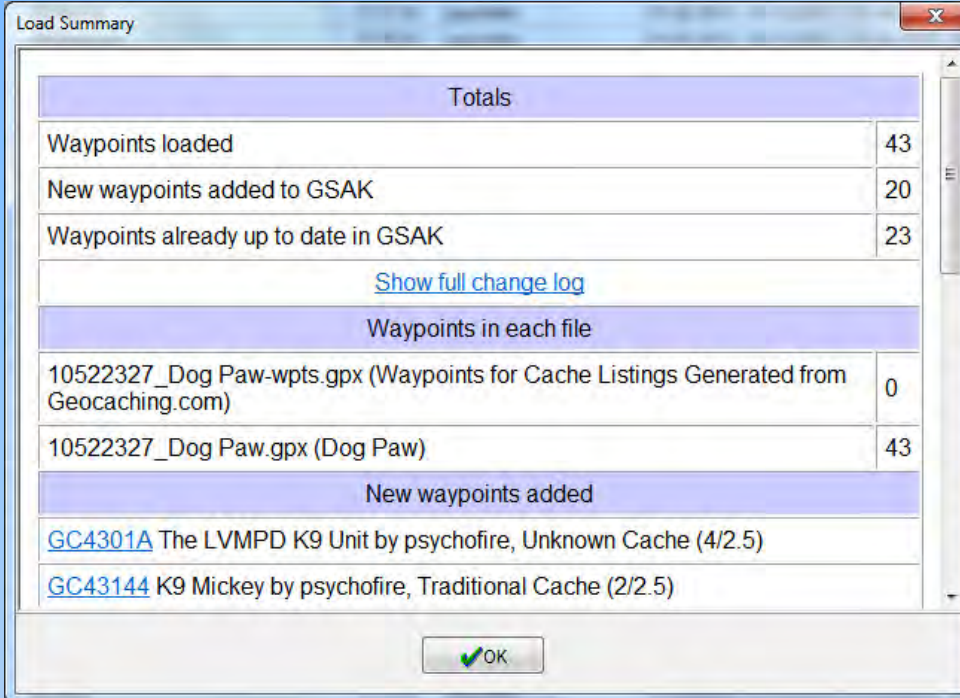
Location of File Folder or File Name

Load Type: Either a File of Folder within Files in it



Loading Databases

Once you load the files into your database you will get the following screen. It will tell you how many caches were loaded, how many were new and how many were existing. It will even tell you how many existing ones were updated by this load.



The screenshot shows a 'Load Summary' dialog box with a table of results. The table is divided into sections: 'Totals', 'Waypoints in each file', and 'New waypoints added'. The 'Totals' section shows 43 waypoints loaded, 20 new, and 23 existing. The 'Waypoints in each file' section shows 0 waypoints from a Geocaching.com file and 43 from a 'Dog Paw' file. The 'New waypoints added' section lists two specific caches: GC4301A and GC43144.

Totals	
Waypoints loaded	43
New waypoints added to GSAK	20
Waypoints already up to date in GSAK	23
Show full change log	
Waypoints in each file	
10522327_Dog Paw-wpts.gpx (Waypoints for Cache Listings Generated from Geocaching.com)	0
10522327_Dog Paw.gpx (Dog Paw)	43
New waypoints added	
GC4301A The LVMPD K9 Unit by psychofire, Unknown Cache (4/2.5)	
GC43144 K9 Mickey by psychofire, Traditional Cache (2/2.5)	

OK



Using the Database

Now that you have populated your databases it is time to use them. You can use them to:

- ❑ Sort caches by type, location, distance from home, status, etc.
- ❑ You can use filters to manage certain files.
- ❑ You can see which ones have been found, not found, archived or disabled.

You can also manage the type of information you want to see in the columns. You can add or delete columns as you desire.



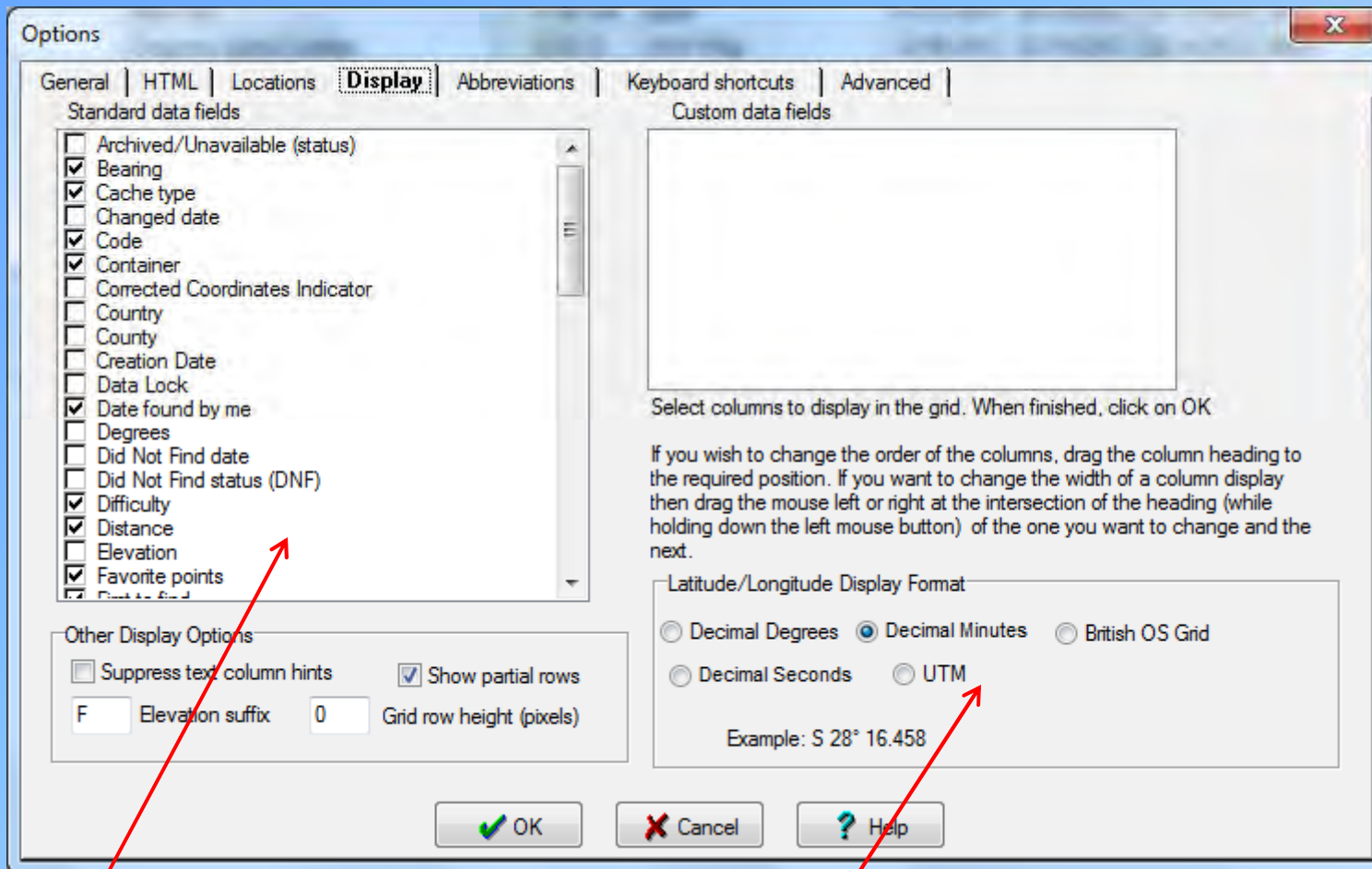
Columns

On the Options page select “Display” and you can see the various choices you have for columns. The furthest left column for can be fixed or you can unlock to add or delete that view. You can add or delete any other the others as you please by checking the appropriate box.

The Display box also allows you to set the format you want for your coordinates.



Columns



Choice of Column Views

Coordinate Format



Database Views

By default your database is set to split view. I don't care for this view but you may like it. It allows you to see the cache information (cache page data and map) of the highlighted cache.

If you want to get rid of it click on the "View" tab at the top of the page and then unclick the "Split Screen" tab.

You can also play around with other views if you want and select columns in this tab as well.

I have another tutorial that is dedicated to views and filtering if you want to explore this more.



Split Screen

GSAK 8.2.1.122 Database: Temp - North (Registered to: Allyn Vaughn)

File Search User Flags View Centre Point Waypoint Database GPS Macro Tools Geocaching.com access Help

Lock First Column Code Search Name Search Split screen format Select a saved filter Database Locations Views

Code	Icons	Last Log	Found by me	Waypoint Name	Miles	Brg	Placed By	Placed	Last GPX	Last Found	Container	Diff	T	...
GC39P22		11/16/2012		A GCrew Christmas ...	2.74	N	CoffinChamer	12/26/2011	02/16/2013	11/16/2012	Small	2.0	2.5	0
GC44TQF		02/09/2013		Parts is Parts #4	5.06	NE	VegasVem	01/22/2013	02/16/2013	02/09/2013	Micro	1.5	1.5	0
GC45689		02/04/2013		Pinwheels	6.94	E	fyrcanine	01/30/2013	02/23/2013	02/04/2013	Micro	3.0	1.5	0
GC44ZYF		02/09/2013		Troop 430 #2	7.58	NE	statreknoc1701	01/26/2013	02/16/2013	02/09/2013	Small	1.0	1.5	0
GC43A...		02/02/2013		Fifth Anniversary Cache	9.51	N	Fathom16	12/26/2012	02/16/2013	02/02/2013	Small	1.5	2.0	0
GC44Y5N		02/05/2013		Flatline	10.20	NE	piraticmickey & insanecast	01/25/2013	02/16/2013	02/05/2013	Not cho...	2.0	1.0	0
GC450TY		02/13/2013		Step it up!	11.90	NE	zaped	01/27/2013	02/16/2013	02/13/2013	Small	2.5	2.5	0
GC42G...		02/14/2013		Cheyenne Sports Complex	12.52	E	USAF MSgt	12/06/2012	02/16/2013	02/14/2013	Micro	2.0	1.5	0
GC3RV...		02/02/2013		Oh NO Nöt anOther Röck!!!!	14.35	NE	ejworth	08/03/2012	02/16/2013	02/02/2013	Not cho...	1.5	1.5	0
GC44M...		02/04/2013		ABCDEF	14.52	E	Baaby Caakes	01/19/2013	02/16/2013	01/24/2013	Micro	1.5	2.0	1
GC465X5		02/20/2013		The Kids' Hide	16.25	E	PreludeX	02/17/2013	02/23/2013	02/20/2013	Small	1.5	1.5	0
GC465X8		02/20/2013		Coin Exchange #1	16.42	E	PreludeX	02/17/2013	02/23/2013	02/20/2013	Micro	1.5	1.5	0
GC3BE...		02/06/2013		Change For A Para Dime	17.07	E	Baad Daata	01/24/2012	02/16/2013	02/06/2013	Micro	2.0	2.0	0
GC46A3P		02/21/2013		coin exchange #2	17.43	E	PreludeX	02/20/2013	02/23/2013	02/21/2013	Micro	1.5	1.5	0
GC3PH...		02/03/2013		Remembering Dan Weldon	18.26	E	tygerkat	06/29/2012	02/16/2013	02/03/2013	Micro	1.5	1.5	1
GC3TN77		02/03/2013		Unfortunata	21.01	E	Fire Elemental	08/14/2012	02/16/2013	02/03/2013	Micro	2.0	2.0	0

Subset: None 17 Shown (all waypoints) Centre point = Home Counts: 0 17 0 1

GC39P22 **A GCrew Christmas...**

Type: **Traditional** | Size: **Small** | Difficulty: **☆☆☆☆** | Terrain: **☆☆☆☆**
 By: **CoffinChamer** | Hidden: **12/26/2011** | Status: **Available**
 Country: **United States** | State: **Nevada**
 Coordinates: **N36° 13.121 W115° 20.070**
 Last updated: **02/16/2013** | Fav points: **0**

Pint size container with room for trackables and swag. Sturdy closed toe footwear is HIGHLY recommended!

This cache is to celebrate our daughter Sasha, aka 'Vikzen', and her trip to visit us in our new home in Las Vegas for Christmas while her husband is deployed to Manas AB. Being an Active Duty military family of 25 years (so far!!!), we understand the importance of family and celebrating holidays when we can be together rather than based on a calendar date; so our Christmas was held on 20 Dec 11. Though our two boys were unable to make it, having Sasha here was phenomenal!

Also, having Santa make an early visit made it even better!!!

Meeerrry Christmas to All!!!

CONGRATULATIONS to Landnavmaster & Clay4 for being FTF!*

Hide Map | Splitscreen | Browser | Refresh

Google 500 m 2000 ft Find 2013 Google - Terms of Use Report a map error

[Driving Directions](#)

Logs

23 Logs: 21 1 1

11/16/2012 By **Rebel04**
 Hit a few of the caches out here; probably not wise, as I gave blood about an hour ago! This is it for me up here on this mountain before I pass out. L: Rebel04 pathtag.



Database View

The following page shows a database of mine without the split screen option. It has various columns and is sorted by distance from my home location. That is known because that column is highlighted. I can sort by any of the columns by clicking on the column heading.

My columns include among others:

GC Code	Type of Cache (icon)
Travel Bug Noted	FTF
Last four logs	Cache Name
Miles from Home Location	Bearing from Home
Placed by	Date Placed
Last Log Date	Last Found Date
Container Size	Type of Container
Difficulty and Terrain Ratings	Favorite Points



Database View

GSAK 8.2.1.122 Database: Temp - North (Registered to: Allyn Vaughn)

File Search User Flags View Centre Point Waypoint Database GPS Macro Tools Geocaching.com access Help

Lock First Code Search Name Search Split screen format Select a saved filter Database Locations Views
 Column Full display None Temp - North Home Default

Code			F _T	I _g	Last Log	Found by me	Waypoint Name	Miles	Br _g	Placed By	Placed	Last GPX	Last Found	Container	Diff	T...	
GC39P22					11/16/2012		A GCrew Christmas ...	2.74	N	CoffinChamer	12/26/2011	02/16/2013	11/16/2012	Small	2.0	2.5	0
GC44TQF					02/09/2013		Parts is Parts #4	5.06	NE	VegasVern	01/22/2013	02/16/2013	02/09/2013	Micro	1.5	1.5	0
GC45689					02/04/2013		Pinwheels	6.94	E	fyr canine	01/30/2013	02/23/2013	02/04/2013	Micro	3.0	1.5	0
GC44ZYF					02/09/2013		Troop 430 #2	7.58	NE	startrekncc1701	01/26/2013	02/16/2013	02/09/2013	Small	1.0	1.5	0
GC43A...					02/02/2013		Fifth Anniversary Cache	9.51	N	Fathom16	12/26/2012	02/16/2013	02/02/2013	Small	1.5	2.0	0
GC44Y5N					02/05/2013		Flatline	10.20	NE	piratemickey & insanecast	01/25/2013	02/16/2013	02/05/2013	Not cho...	2.0	1.0	0
GC450TY					02/13/2013		Step it up!	11.90	NE	zeped	01/27/2013	02/16/2013	02/13/2013	Small	2.5	2.5	0
GC42G...					02/14/2013		Cheyenne Sports Complex	12.52	E	USAF MSgt	12/06/2012	02/16/2013	02/14/2013	Micro	2.0	1.5	0
GC3RV...					02/02/2013		Oh NO NOt anOther R0ck!!!!	14.35	NE	ejworth	08/03/2012	02/16/2013	02/02/2013	Not cho...	1.5	1.5	0
GC44M...					02/04/2013		ABCDEF	14.52	E	Baaby Caakes	01/19/2013	02/16/2013	01/24/2013	Micro	1.5	2.0	1
GC465X5					02/20/2013		The Kids' Hide	16.25	E	PreludeX	02/17/2013	02/23/2013	02/20/2013	Small	1.5	1.5	0
GC465X8					02/20/2013		Coin Exchange #1	16.42	E	PreludeX	02/17/2013	02/23/2013	02/20/2013	Micro	1.5	1.5	0
GC3BE...					02/06/2013		Change For A Para Dime	17.07	E	Baad Daata	01/24/2012	02/16/2013	02/06/2013	Micro	2.0	2.0	0
GC46A3P					02/21/2013		coin exchange #2	17.43	E	PreludeX	02/20/2013	02/23/2013	02/21/2013	Micro	1.5	1.5	0
GC3PH...					02/03/2013		Remembering Dan Weldon	18.26	E	tygerkat	06/29/2012	02/16/2013	02/03/2013	Micro	1.5	1.5	1
GC3TN77					02/03/2013		Unfortunate	21.01	E	Fire Elemental	08/14/2012	02/16/2013	02/03/2013	Micro	2.0	2.0	0
GC3JW3W					01/28/2013		Rootin' for JUNEBUG!	22.26	NE	Fire Elemental	05/01/2012	02/16/2013	01/28/2013	Small	2.0	2.0	0



Deleting Caches

At some point in time you will want to delete or move caches from your databases.

To delete caches you can highlight the individual cache and either right click your mouse and choose delete waypoint or click on the waypoint menu tab at the top of the screen and select Delete Waypoint(s).

The Delete Waypoint(s) option gives you more options to delete the cache(s) as well. It will allow you to delete the highlighted cache, all caches in a filter, all caches that have been selected using the User Flag (that funny looking guy on the top of the column) or all caches in the database.



Deleting Caches

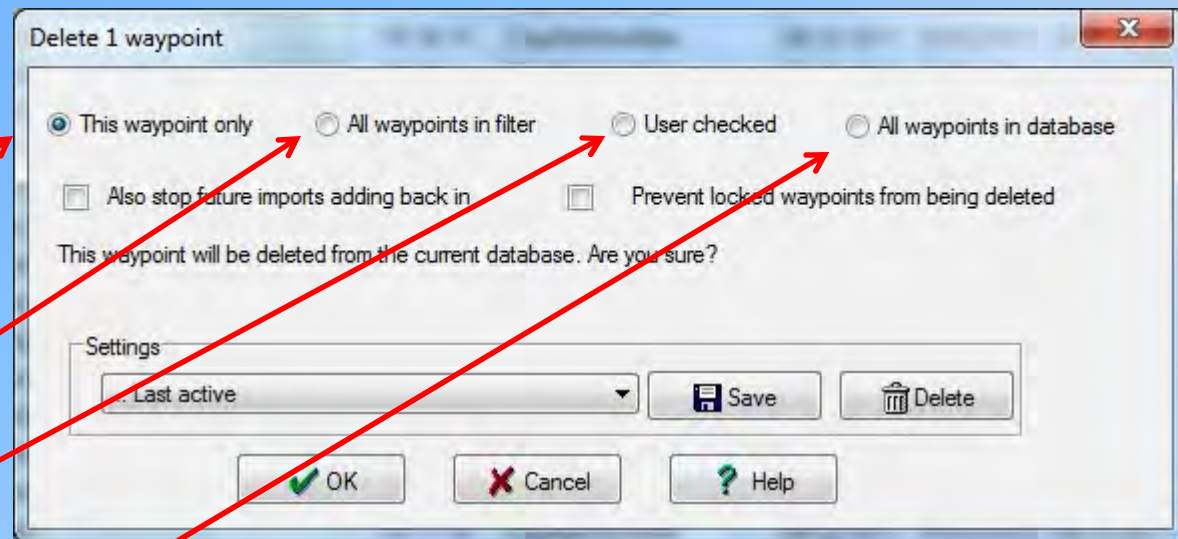
Options for deleting caches include:

The highlighted cache

All in a filter you set

Any ones that have a User Flag on them

All in the database (be careful with this option!)



The current option is set to delete only the highlighted cache and this is the default option



Deleting Caches

You can also move or copy caches from one database to another.

- ❑ To do this, select the Database tab from the main menu on the top.
- ❑ Select Move/Copy Waypoints and a menu will appear.
- ❑ From that menu select whether you want to move or copy the waypoints in your current view (you need to either have a filter set for the ones you want to move or copy or all in the database will be moved or copied).
- ❑ Select the database where you want them moved or copied to.
- ❑ Review the others settings to see if you want to change any (I use the defaults on these).
- ❑ Click on the go button.



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- ❑ Review the others settings to see if you want to change any (I use the defaults on these).
- ❑ Click on the go button.



Moving or Copying Caches

Select the database to Move or Copy your caches to. Those in the current view will be impacted.

Select Move or Copy.

Review these features.

Click on the Go button.

Move/Copy 30 Waypoints

This action will be performed on all waypoints in your current subset

Destination database
Solved Mystery Caches

Warning: Move will delete waypoints from your source database regardless of the following options

Move or copy waypoints?
 Copy Move Add to ignore list (source database)

If waypoint already exists in the destination database?
 Replace Replace and flag Only flag Ignore
 Merge logs Merge child waypoints

If waypoint does NOT exist in the destination database?
 Add Add and flag Ignore

Custom Data - If tables have different formats?
 Synchronize Ignore Halt with error

Settings
... Last active Save Delete

Display destination database when finished

Go Cancel Help



Loading the Files

So how do you load your GPX files into your receiver? There are many ways. You can use the basic load feature or macros.

The basic way within the program is to go to the “GPS” tab at the top middle. Click on the “Send Waypoints” tab and a popup screen will appear that will allow you to load all of the waypoints/GPX files in the current database.

Make sure your GPSr is connected to your computer and hit the “Send” button.

You can also use the “Export” feature if you want through the “File” tab. Or once you have the hang of it, download a macro specific to your GPS unit and use the benefit of that feature to make you life much easier.



Conclusion

This tutorial was intended to give you an overview of :

What GSAK is.

- ❑ How to install it.
- ❑ How to do the basic setup to use it.
- ❑ How to setup and use a database.
- ❑ How to load files into a database.
- ❑ And finally how to load them onto your GPS unit.




Need More Help?

Go to the Forums on GSAK to get specific help with any question you have.

GSAK (Geocaching Swiss Army Knife)

Home Order **Forum** Members Google Map FAQ Macros Help



GSAK is the all in one Geocaching and waypoint management tool. Major features include: Multiple databases, sending/receiving waypoints to GPSr, Google maps, conversion to many mapping formats, PDA output (including CacheMate support), HTML output, extensive searching, macro support, backup and restore, distance/direction from other waypoints (including caches, locations, post codes) and much more. GSAK only runs on Windows operating systems (2000, XP, Vista, Windows 7)

For a more complete feature set please click [here](#).
For a screen shot of GSAK click [here](#)

GSAK is **FREE** to download and use, but after 21 days of unrestricted use you get a nag screen. You can keep using GSAK after the 21 days, but if you want to remove the nag screen you will need to register the program (**Note: PayPal will now accept credit cards directly - you DONT have to set up a PayPal account.**) . To register GSAK or see the benefits of registration click [here](#)

Need help? GSAK has its own support forum. Go here <http://support.gsak.net>

There is also a GSAK 101 getting started guide that you can download from [here](#)

NEW! 21st September, 2012 - Version 8.2.0 is now ready for download. **Note:** Version 8 is a chargeable upgrade for V7 registered users - for more information see [here](#)

[Download version 8.2.0](#) (19.2mb) or if busy or slow try [here](#). Please see the [version history](#) for a list of changes.

For Version 7 users that do not wish to upgrade to V8 you can download the latest V7 (7.7.4.36) [here](#).

