

# ReadMe for GoldFind 2.0.4.0

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## Abstract

GoldFind is a search utility for Hamster, *the* mail- and newsserver.  
GoldFind is maintained by Heiko Studt  
GoldFind is an improved version of "AgtFind" originally written by  
Juergen Haible.

## Contents

<b>1</b>	<b>Install</b>	<b>2</b>
1.1	Only with OLE . . . . .	2
1.2	OLE together with KWKHamster.dll . . . . .	2
1.2.1	Install the DLL . . . . .	2
1.2.2	Install GoldFind . . . . .	2
1.3	OLE in enviroments with more than one Hamster . . . . .	3
<b>2</b>	<b>Using GoldFind</b>	<b>4</b>
2.1	Start . . . . .	4
2.2	Search . . . . .	4
2.3	Statistics . . . . .	4
2.3.1	Graph . . . . .	5
2.4	Configuration . . . . .	5
2.5	Auto-Selection . . . . .	5
2.6	Search-Format . . . . .	5
<b>3</b>	<b>Misc</b>	<b>5</b>
3.1	Important Changes . . . . .	5
3.2	Commandline-Parameters . . . . .	5
3.3	GoldFind files . . . . .	6
3.4	Source-Code . . . . .	6
3.5	License . . . . .	8

# 1 Install

For all the following methods you need Hamster in Version 1.3.23.0 and above.

## 1.1 Only with OLE

1. You will need a Hamster-Version above 1.3.23.0<sup>1</sup>
2. You need a version of GoldFind which uses OLE. (All versions yet; look into your changes.txt.)
3. You have to unzip the whole package into one directory. You can choose every one you want, but perhaps it would be best to have an own for Goldfind...
4. Now you have to start Hamster. Please note that it must *not* be started as a service if you want to use GoldFind.
5. At least you start GoldFind itself and go into menu GoldFind to the Item "Configuration". A new window will be opened. There you have to change in tab "Database" the first entry into "Hamster.App" i.e. the name of your Hamster's OLE-Interface. Now click on the button "OK" and Voilà – it's ready.

## 1.2 OLE together with KWKHamster.dll

### 1.2.1 Install the DLL

"regsvr32 deine.dll"; de-registrieren mit "regsvr32 /u deine.dll"  
ToDo

### 1.2.2 Install GoldFind

First do the steps of "Install -> Only with OLE", because this method to get data doesn't remove all of the OLE-Code. It's only used for getting the Articles. Second you need to change the source of GoldFind and recompile it. For this you have to unzip the "src.zip" which should be in your main GoldFind-Path. In the source you have to change in file "ObjArt.pas" in the procedure "TAGtArt.Create" the line "UseDll := false;" into "useDll := true;". Because of some problems with using the DLLs on other computers

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<sup>1</sup>Download: <http://www.tglsoft.de>

there is no warranty that it will work. The DLL don't work for running GoldFind on a remote computer.  
KHKHamster.dll © by Klaus Ketelaer

### 1.3 OLE in enviroments with more than one Hamster

As long as Hamster itself hasn't full support for a second full qualified OLE-Name to use with you have to patch Hamster.Exe to get that support.

Please note that there is *\*no\** warranty in any kind. It's very dangerous to change a exe itself.

<http://micha-wr.bei.t-online.de/hamster/tips.htm#011>

Wie kann ich einen zweiten Hamster verwenden? Um einen zweiten Hamster auf dem gleichen System aufzusetzen, sind einige Vorkehrungen zu treffen. Viele benutzen diese Kombination, um einen Hamster alle News und Mails holen zu lassen und dahinter einen zweiten Hamster laufen zu lassen, der sozusagen als Archivhamster arbeitet. So bleibt der erste Hamster durch Purgen immer schön schnell und der zweite Hamster archiviert dann alle Newsartikel in seinem Bestand. Folgendes ist zu tun:

1. Eine Zweithamsterinstallation in ein anderes Verzeichnis.
2. Konfiguration auf andere Ports als die Standardports 25/110/119, z.Bsp 1125/1110/1119, damit sich nichts behindert.
3. Den neuen Hamster so einrichten, daß er die News vom ersten Hamster abholt.
4. Die hamster.exe des neuen Hamsters patchen/bearbeiten, damit der Archivhamster per Script ansprechbar ist. (Anleitung unten) Heiko Rost verwendet schon seit längerem für solche Zwecke eine extra gepatchte Version der hamster.exe. Das Patchen geschieht entweder direkt mit einem Hexeditor oder einem Programm namens bchange. Folgende Anleitung stammt aus einem seiner Artikel in den Newsgroups:

Meine Patchdatei sieht mittlerweile so aus:

```

bchange hamster.exe hamster.exe
"A2 B3 44 45 53 54 00 01" "A2 B3 44 45 53 54 00 02" /b
"48 61 6d 73 74 65 72 00 d6 16" "48 61 6d 73 74 65 31 00 d6 16" /b
"HamsterW" "Hamste1W"

bchange ham.exe ham.exe
"Hamster.App" "Hamste1.App"

```

Bchange steht hier zum Download bereit. (23 kB) Bei Problemen fragt bitte in [news:hamster.de.tools](mailto:news:hamster.de.tools) nach, da Schwierigkeiten ab Hamster V1.3.23.110 auftreten können.

## 2 Using GoldFind

### 2.1 Start

On every start of GoldFind every single group is read and some informations like the count of articles in that group.

### 2.2 Search

To search for a string, for example "GoldFind" you have to enter that string into the edit-field "Find-What" and choose those parts where the string should be searched. (Checkboxes: Header, Body, Sig(nature)) The string could be in a "new" format of GoldFind or as a RegExp, which has to be included into breaks: { } Now you have to choose the groups where GoldFind should search on the left hand listbox and the days when the string was posted in the lower left corner. At the end push the button "Search" at the upper right. How many results you get at the maximum you can change by using "Max. articles".

### 2.3 Statistics

Making a statistic is very easy:

1. Go to tab "Statics" on right hand side.
2. Choose groups for those you want to make the statistic on the left side. You can also choose the time the statistic will be based on.

3. Now you can choose the statistic in upper right corner of GoldFind and also some parameters if needed.
4. At the end you push button "Create".
5. You can cancel making statistics at the end of each group. (Clicking on the button will take effect on that time)

### **2.3.1 Graph**

If you had choosen one of the statistics "Messages per ", without weekday the graph is built. You only have to go to the tab "Statistics-Graph" to see it.

## **2.4 Configuration**

## **2.5 Auto-Selection**

## **2.6 Search-Format**

# **3 Misc**

## **3.1 Important Changes**

## **3.2 Commandline-Parameters**

- n GROUP  
Make the selection of "GROUP". (Only one)  
NOT IMPLEMENTED YET
- m MID or news:MID or nntp:MID  
Search for Message-ID "MID" in all Groups. (Only one MID allowed)
- i MID|GROUP or news:MID|GROUP or nntp:MID|GROUP  
Searches either for Message-ID "MID" in all groups or make the selection of group "GROUP".  
The selection of a group isn't implemented yet

### 3.3 GoldFind files

GoldFind.exe	Main-Programm. Start it to start GoldFind
GoldFind.ini	Configuration-File (Textfile). You can edit it if you want to
ReadMe.pdf	This helpfile in pdf-Format
KWKHamster.dll	The DLL to access Hamster-Database. For OLE-Only version not needed
src.zip	The sources of GoldFind (Delphi 5Pro)

### 3.4 Source-Code

I got most of the source from AgtFind developed by Juergen Haible. So don't kill only me if there is a bug in the source... ;-) Some things in the source-code are only "workarounds" to get away some problems I got with changing AgtFind to accessing Hamster. Feel free to let me know better workarounds. :o) Although I got some enhance in making GoldFind faster, it is never the fastest source I'd written. Perhaps you will find some faster ways to do those things... Source-files:

GoldFind.*	Main project-source and ressources. (Delphi-Interna)
Main.pas	Main GUI and it's code. Also some other code is here.
Main.dfm	
OPTIONS.pas	Configuration GUI and it's code.
OPTIONS.dfm	
Viewer.pas	???
Viewer.dfm	
ObjArray.pas	???
uHamDLL.pas	Accessing the KWKHamster.dll of Klaus Ketelaer. It's the Layer between DLL and GoldFind(ObjArt.pas).
ObjArt.pas	Accessing the DB to get articles out of given group(number)s.
ObjGrp.pas	Accessing the DB to get all available groups and their informations.
DllArt.pas	Layer between Obj*.pas and GoldFind. To be deleted in later versions
DllGrp.pas	
AGTSTAT.PAS	Creation of statistics
AGTBASE.PAS	Misc and basic routines for accessing DB
cStats.pas	Statistic-Counter-List
uArticle.pas	Article-Handling – eg. Header/Body -seperation
kProgress.pas	Progressbar-Komponent (GoldFind-Start)
jAbout.pas	The about-box and it's code.
jAbout.dfm	
cArts.pas	Routines for handling Articles. (eg. ROT13)
uEncoding.pas	Routines for en-/decoding of articles and their headers.
uperlre.pas	Library to use RegExp. © by Luu Tran
STUDY.OBJ	
PCRE.OBJ	
ReadMe.tex	Sourcecode of this Tex- <sub>i</sub> DVI- <sub>i</sub> PDF documentation
License.txt	The license of GoldFind
.bmp; *.gif; *.ico	Ressouces for GoldFind (Images)
KWKHamster.dll	Library to access Hamster's database directly. Have to be included in system.
ToDo.txt	ToDo-Textfile for developing GoldFind

### 3.5 License

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GoldFind  
Copyright (c) 2002, Heiko Studt (<Heiko.Studt@goldpool.org>).

AgtFind.  
Copyright (c) 1996-2001, Juergen Haible (<juergen.haible@t-online.de>).

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