

Klock

Table of contents

Introduction	3
Welcome	3
Getting Started	4
System requirements	4
Getting help	4
Thingy-ma-bobs	5
Fuzzy Time	5
Analogue Klock	6
Small Text Klock	8
Big Text Klock	9
World Klock	10
Countdown	11
Timer	12
Reminder	12
Friends	13
Events	15
Memo	15
Convert	16
Sayings	17
Clipboard Monitor	18
Menu	18
File	19
Time	19
Info	20
Help	24
Monitor	25
System Tray	26
Status bar	27
Options	27
Global	28
Notification	29
Time	30
Analogue Klock	32
Text Klock	32
Other Stuff	33
Archive	35
Events	36
Memo	36
Hot Keys	37
License	37
Credits	49

Introduction

Klock - A clock with a K

A multifunction timing thingy, where some [but not necessary all] of the functions are useful.

The multifunction timing thingy is split into many Thingy-ma-bobs - Fuzzy Time, World Klock, Countdown, Timer, Reminder, Friends, Events, Memo, Conversions, Sayings & Clipboard Monitor.

Kevin scott

Klock

A Help gubbins for the time thingy. Build 65.

Copyright © <2013 - 2015> by <Kevin Scott>. All Rights Reserved.

1.1.6.65



Created with the Personal Edition of HelpNDoc: [Create iPhone web-based documentation](#)

Welcome

Welcome To Klock

Kevin scott

Klock

A Help gubbins for the time thingy. Build 65.

Copyright © <2013 - 2015> by <Kevin Scott>. All Rights Reserved.

1.1.6.65



Created with the Personal Edition of HelpNDoc: [Easily create CHM Help documents](#)

Getting Started

Klick on Klock.

Created with the Personal Edition of HelpNDoc: [Free EBook and documentation generator](#)

System requirements

System Requirments

Should just about work on any Microsoft Windows machine - if it can run the help, it should run Klock.

Klock has been tested on Windows 7, 10. [Does anybody use anything else, these days.]

Klock needs at least .NET 4, get from your favourite Microsoft site.

Created with the Personal Edition of HelpNDoc: [Free iPhone documentation generator](#)

Getting help

Getting Help

Press help [or press F1] to get this document.

Document also located in the application directory [both chm & pdf formats].

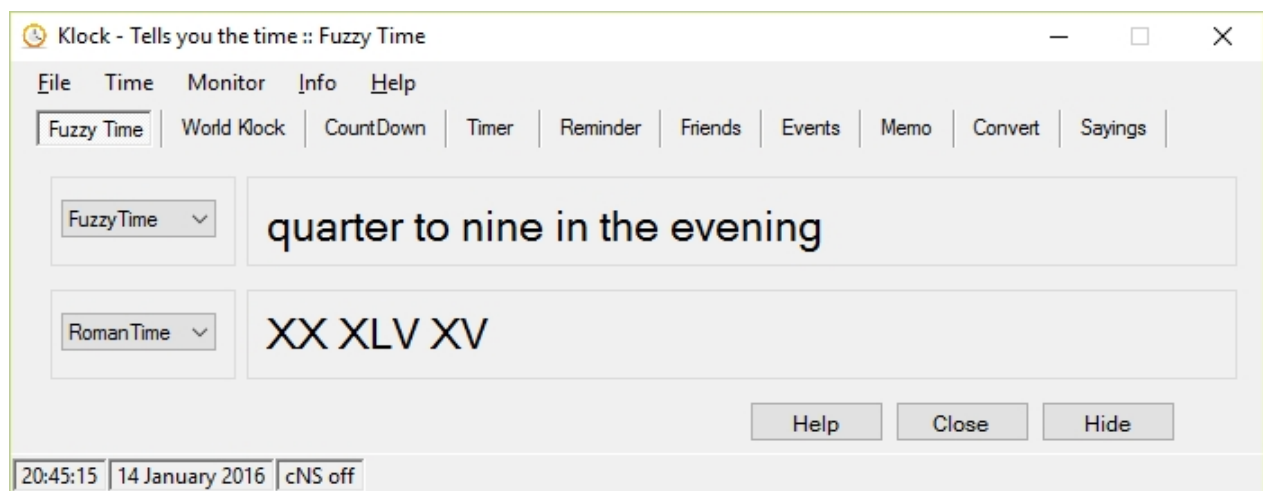
Thingy-ma-bobs

There are separate thingy-ma-bobs for

- Fuzzy Time
 - Analogue Klock
 - Small Text Klock
 - Big Text Klock
- World Klock
- Countdown
- Timer
- Reminder
- Friends.
- Events
- Memo
- Convert
- Sayings

Fuzzy Time

Fuzzy Time



Allows the current time to be displayed in a number of different formats.

Image shows the ability to display two different time formats. Default time formats for both displays can be pre-set in the time options.

NB: The time can be displayed in two different forms of hex time.

Hex time is just current [local] time display in hexadecimal format

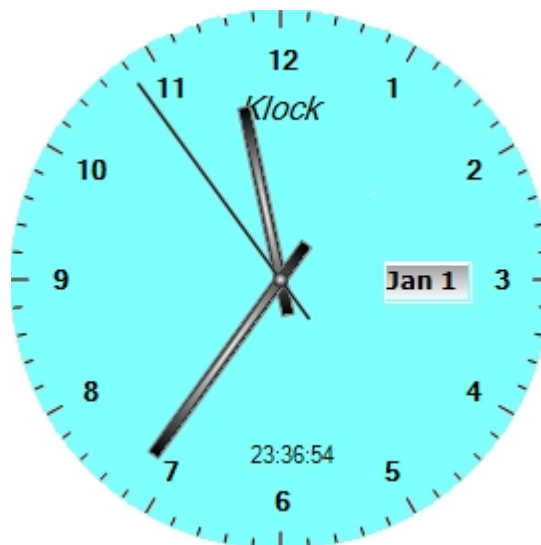
Where True Hex Time, divides the day into 16 hours of 256 minutes of 16 seconds.

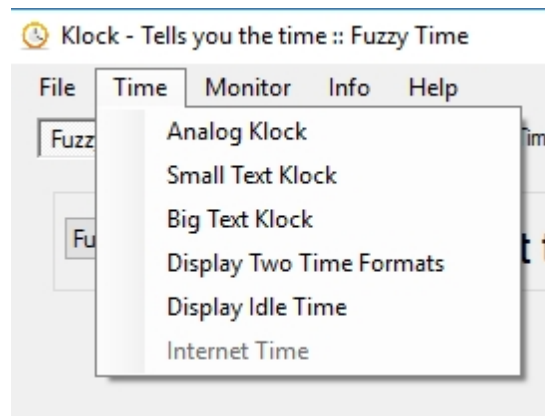
System idle time can also be displayed in the status bar - this is enabled in the time options screens [or ALT F7/ ALT F8].

See Status Bar for details on the status bar information.

Analogue Klock

Analogue Klock





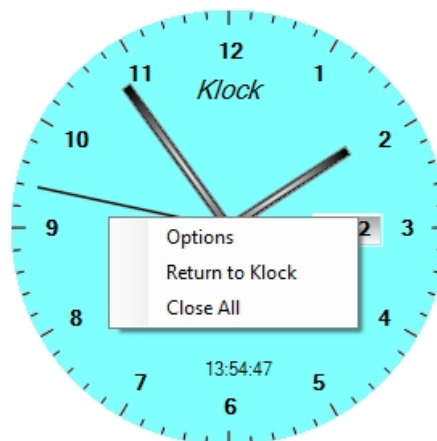
Selecting the Analogue Klock option from the Time menu, display the above Analogue Klock.

Analogue Klock can be also started by pressing Alt + F3 while Klock is running.

Analogue klock can be closed, and Klock restored, by pressing close on the screen or by pressing Alt + F6.

The Analogue klock can be customised in many ways - see the Analogue options screen - some of the options will work in real time. i.e. the user can select if the digital time, date or background will be displayed.

Right clicking on the Analogue Klock, brings up a context menu.



This will allow the option screen to be loaded, the Analogue Klock can be exited to the main klock or the application can be terminated.

Shown below is the Analogue klock with a background image, a selection are in the images folder within the klock application folder - but any image can be selected. Klock will try any fit the image to the dial.

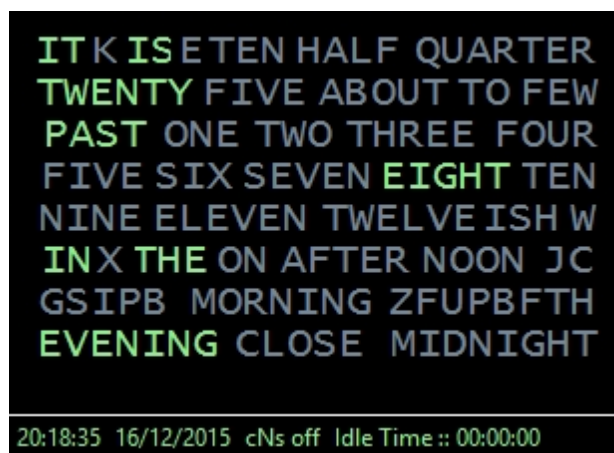


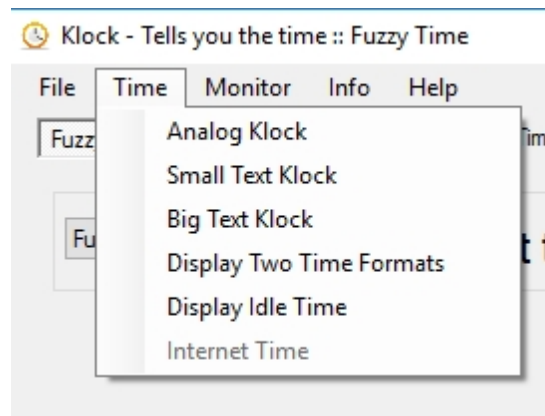
Note, If a background image is chosen, it is best to also select transparency. The fit is not that good - work to do.

Created with the Personal Edition of HelpNDoc: [Free EPub producer](#)

Small Text Klock

Small Text Klock





Selecting the Small Text Klock option from the Time menu, display the above Small Text Klock.

Small Text Klock can be also started by pressing Alt + F4 while Klock is running.

Small Text Klock can be closed, and Klock restored, by pressing close on the screen or by pressing Alt + F6.

The colours of the words and the background can be changed - see options.

See Status Bar for details on the status bar information.

Created with the Personal Edition of HelpNDoc: [Produce Kindle eBooks easily](#)

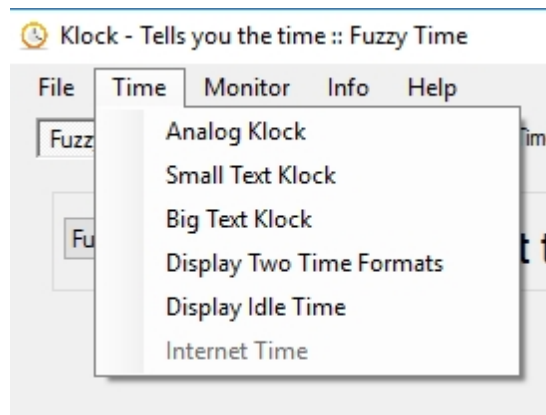
Big Text Klock

Big Text Klock

```

Sunday Monday Tuesday Wednesday Thursday Friday Saturday the first second
third fourth fifth sixth seventh eighth ninth tenth eleventh twelfth thirteenth
fourteenth fifteenth sixteenth seventeenth eighteenth nineteenth twentieth
twenty-first twenty-second twenty-third twenty-fourth twenty-fifth twenty-sixth
twenty-seventh twenty-eighth twenty-ninth thirtieth thirty-first of January
February March April May June July August September October November December
2015 , one two three four five six seven eight nine ten eleven twelve o'clock
in the Morning Afternoon Evening And one two three four five six seven eight
nine ten eleven twelve thirteen fourteen fifteen Noon sixteen seventeen eighteen
nineteen twenty twenty-one twenty-two twenty-three twenty-four twenty-five
twenty-six twenty-seven twenty-eight Midnight twenty-nine thirty thirty-one
thirty-two thirty-three thirty-four thirty-five thirty-six thirty-seven
thirty-eight thirty-nine forty forty-one forty-two forty-three forty-four
forty-five forty-six forty-seven forty-eight forty-nine fifty fifty-one
fifty-two fifty-three fifty-four fifty-five fifty-six fifty-seven fifty-eight
fifty-nine Minute Minutes And one two three four five six seven eight nine ten
eleven twelve thirteen fourteen fifteen sixteen seventeen eighteen nineteen
twenty twenty-one twenty-two twenty-three twenty-four twenty-five twenty-six
twenty-seven twenty-eight twenty-nine thirty thirty-one thirty-two thirty-three
thirty-four thirty-five thirty-six thirty-seven thirty-eight thirty-nine forty
forty-one forty-two forty-three forty-four forty-five forty-six forty-seven
forty-eight forty-nine fifty fifty-one fifty-two fifty-three fifty-four
fifty-five fifty-six fifty-seven fifty-eight fifty-nine Second Seconds close
  
```

20:24:07 16 December 2015 cNs off Idle Time :: 00:00:00



Selecting the Big Text Klock option from the Time menu, display the above Big Text Klock.

Big Text Klock can be also started by pressing Alt + F5 while Klock is running.

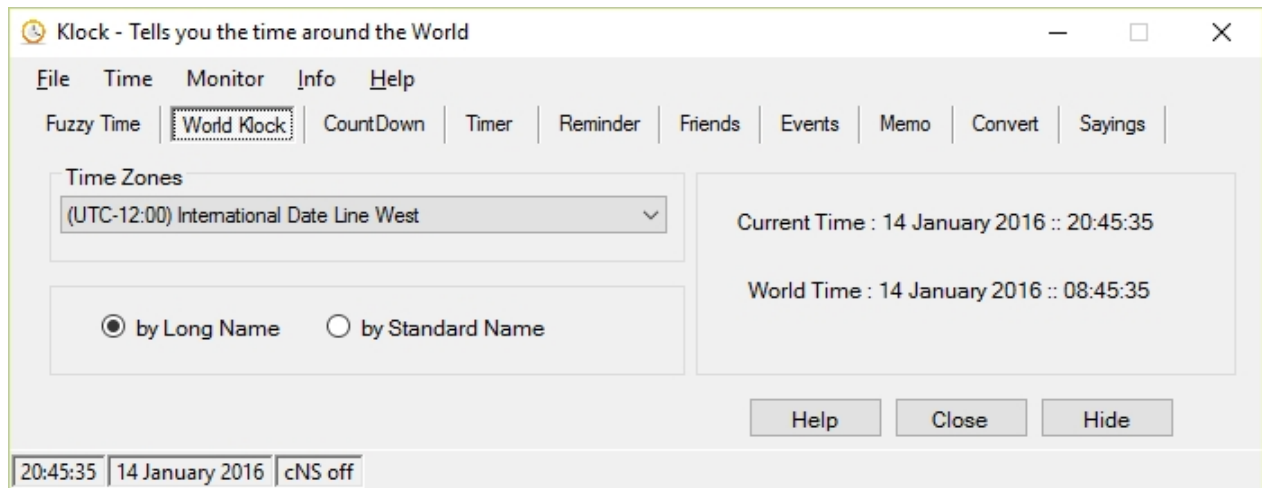
Big Text Klock can be closed, and Klock restored, by pressing close on the screen or by pressing Alt + F6.

See Status Bar for details on the status bar information.

Created with the Personal Edition of HelpNDoc: [Create HTML Help, DOC, PDF and print manuals from 1 single source](#)

World Klock

World Klock

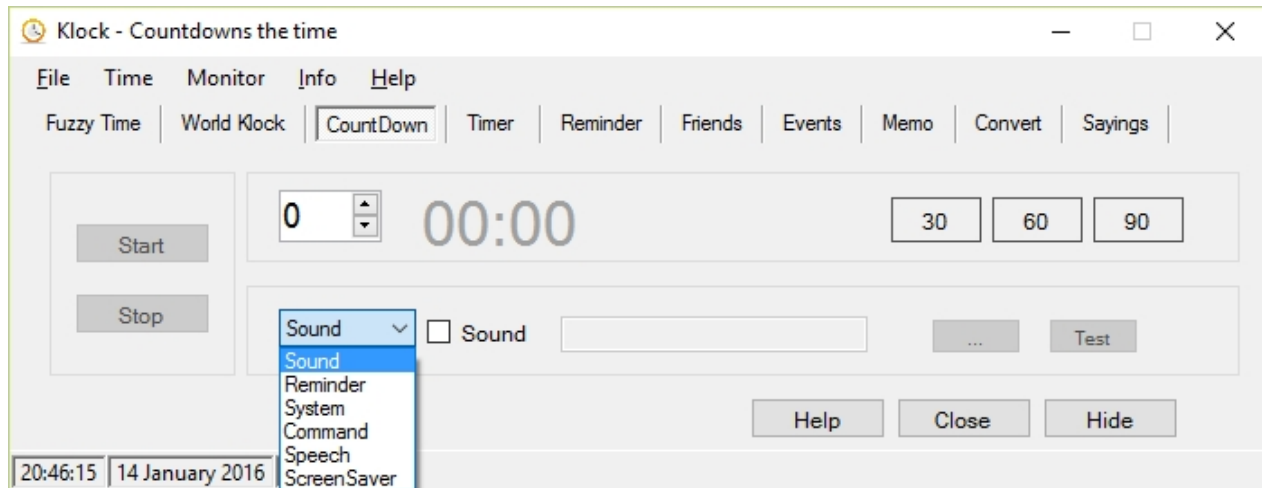


Allows the time from a selected Time Zone to be displayed.

The time zone can either be displayed as long or standard name.

Countdown

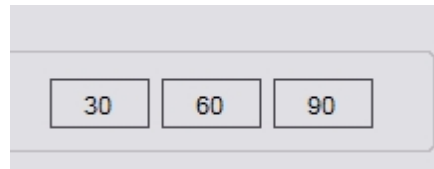
Countdown



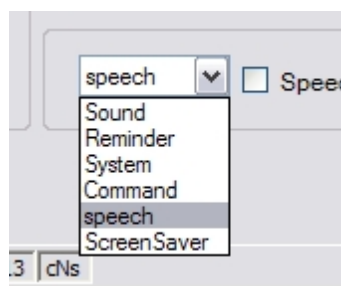
Implements a simple countdown timer thingy [between 1 and 90 minutes].

The time for the countdown can be either entered directly or the up/down controls can be used.

The timer can be paused during countdown and stopped before the end is reached.

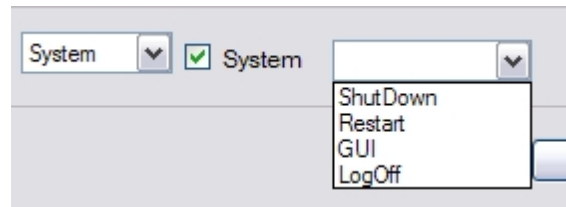


The three quick start buttons, count down from 30, 60 or 90 minutes.



At the end of the countdown, the following can be selected :-

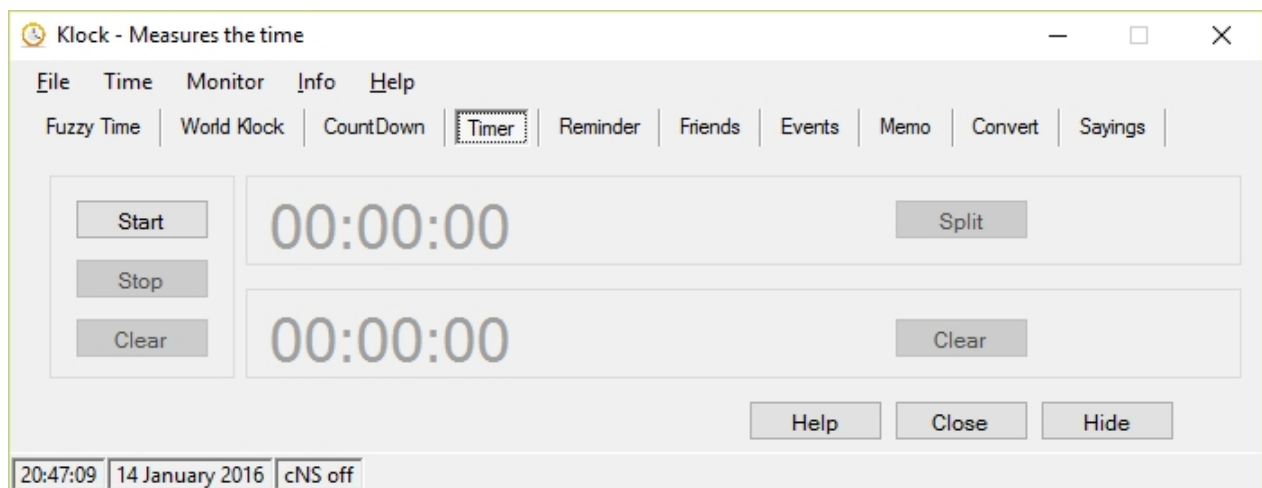
- A Sound can be played.
- A Reminder can be displayed.
- A System command can be run [System Shut Down, System Re-Start, Log Off current user or the selectable GUI.
- A External Command can be run.
- A Text to Speech can be run.
- The current selected windows screen saver can be run.



System command menu.

Timer

Timer



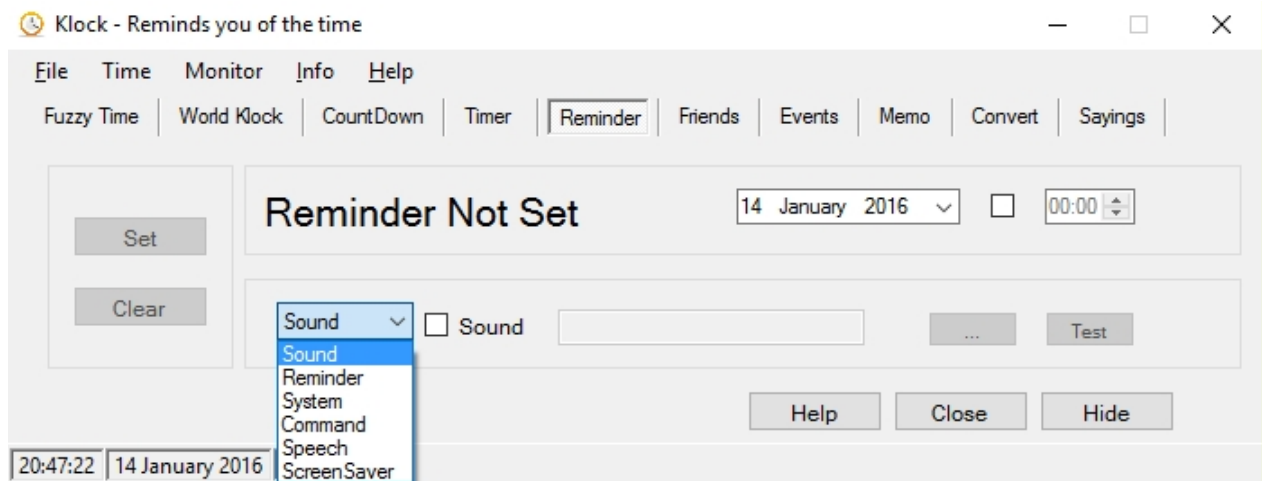
Implements a simple timer thingy, with split time function.

The timer can be stopped, paused and resumed.

A split function allows for a given time to be remembered.

Reminder

Reminder



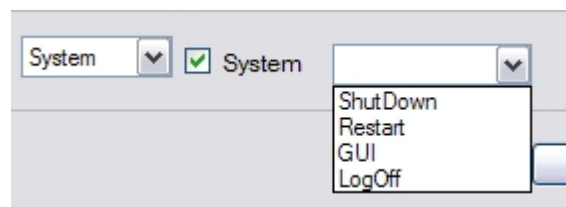
Implements a reminder option thingy.

Today's date is default, but a future date can also be selected. A time can also be added to the reminder date.

If no time is added, the reminder will fire at midnight.

When the reminder is due, the following can be selected :-

- A Sound can be played.
- A Reminder can be displayed.
- A System command can be run [System Shut Down, System Re-Start, Log Off current user or the selectable GUI.
- A External Command can be run.
- A Text to Speech can be run.
- The current selected windows screen saver can be run.

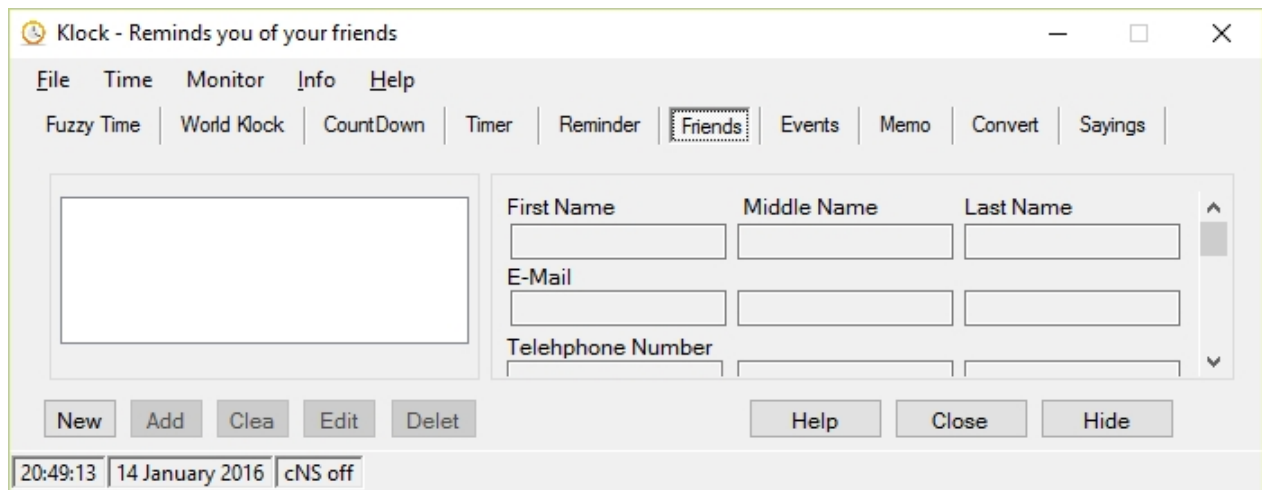


System command menu.

Note : Setting the time to 00:00, indicates midnight of the previous day so will not enable the set button. To set a reminder for midnight of today, disable the time and pick tomorrow's date. 00:00 indicates zero minutes into the present day.

Friends

Friends

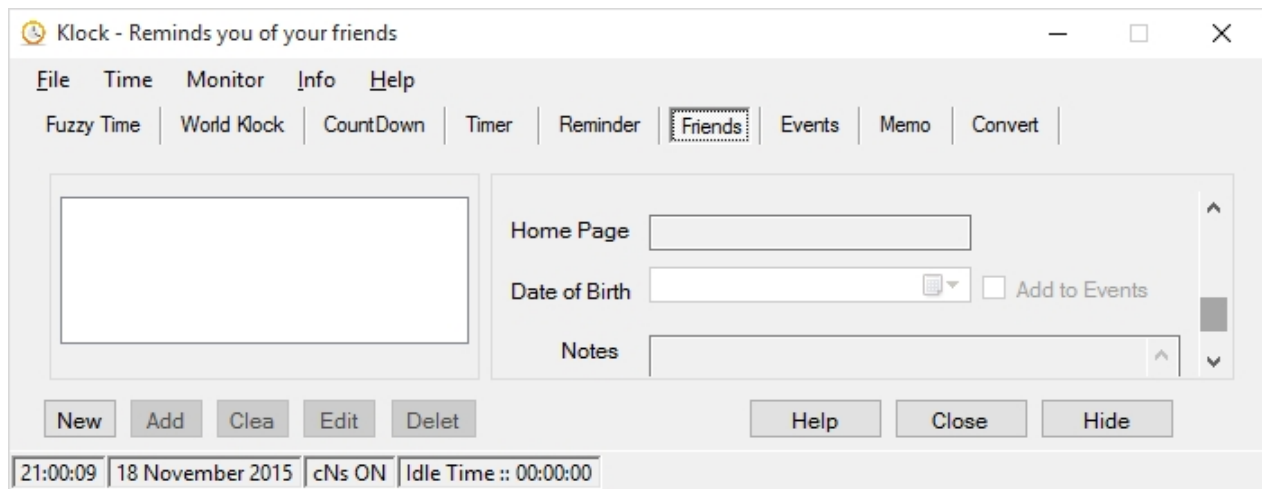


Implements a simple Contact [Friends] database thingy.

Friends can be added, edited or deleted.

Each friend can have up to three e-mails and telephone numbers, an address, a date of birth, a web site and a memo section for notes.

Pressing F12 with the Friends tab visible, will show the total number of friends klock knows about.



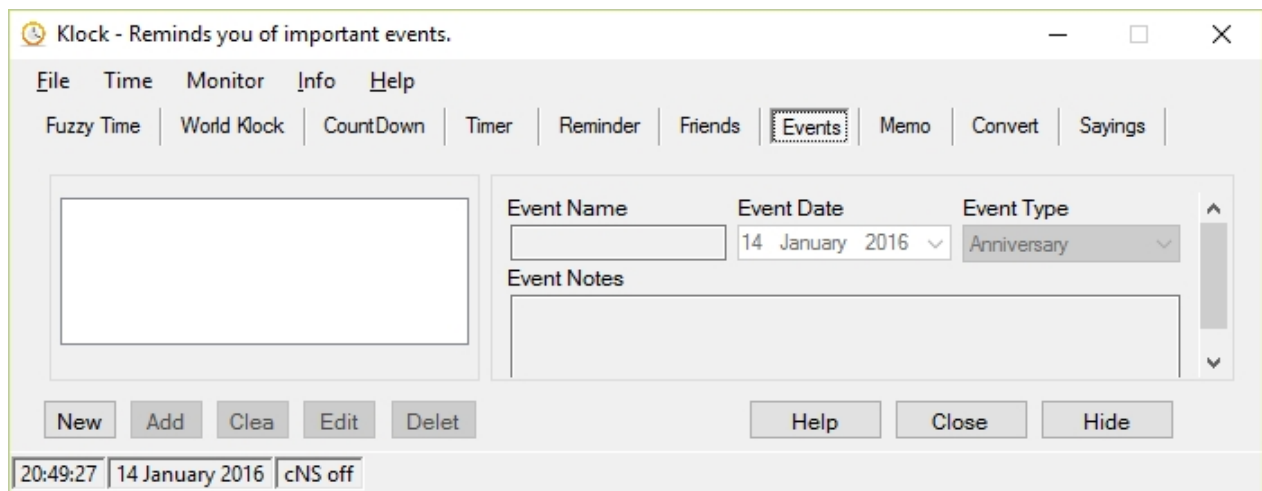
If Add to Events is checked and a Date of Birth is entered - the person birthday will be entered as event - see later.

The friends file-name and location can be changed in the option screen.

A Zip archive can then be save and re-loaded of this file

Events

Events



Implements a simple Events database thingy.

Friends can be added, edited or deleted.

Events types can be - Birthday, [Wedding] Anniversary, Holiday, Motor, Appointment, Meeting, On Off Event and Other.

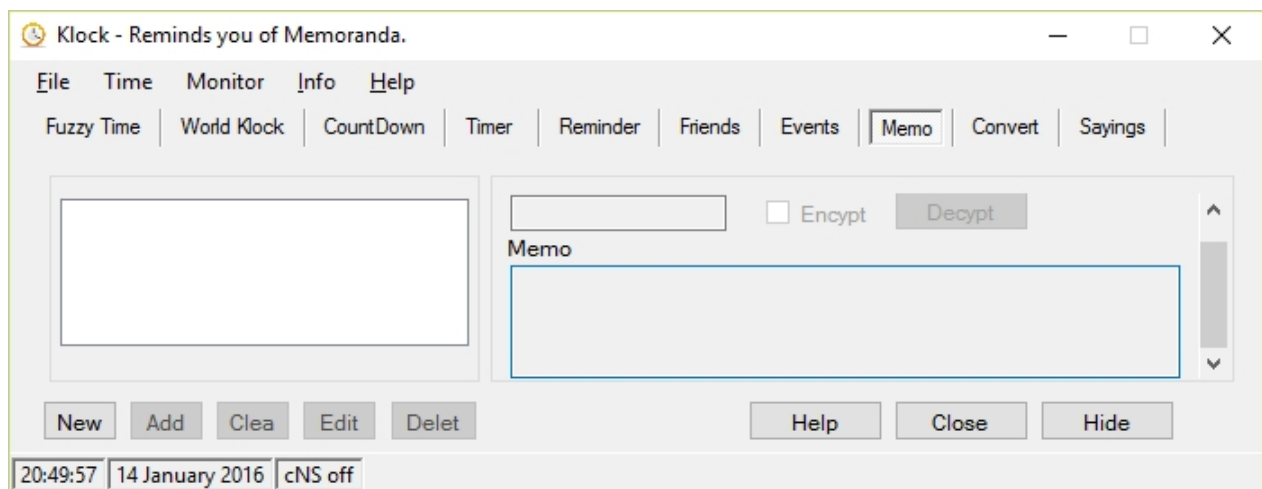
If the type entered if a Birthday or Anniversary - the original year should be used. Klock can then work out the age of the person or suggest the type of wedding anniversary present.

If the event is not to be recurring [i.e. a one off]m the event is not [yet] automatically deleted. This has to be done manually.

Created with the Personal Edition of HelpNDoc: [Free EBook and documentation generator](#)

Memo

Memo



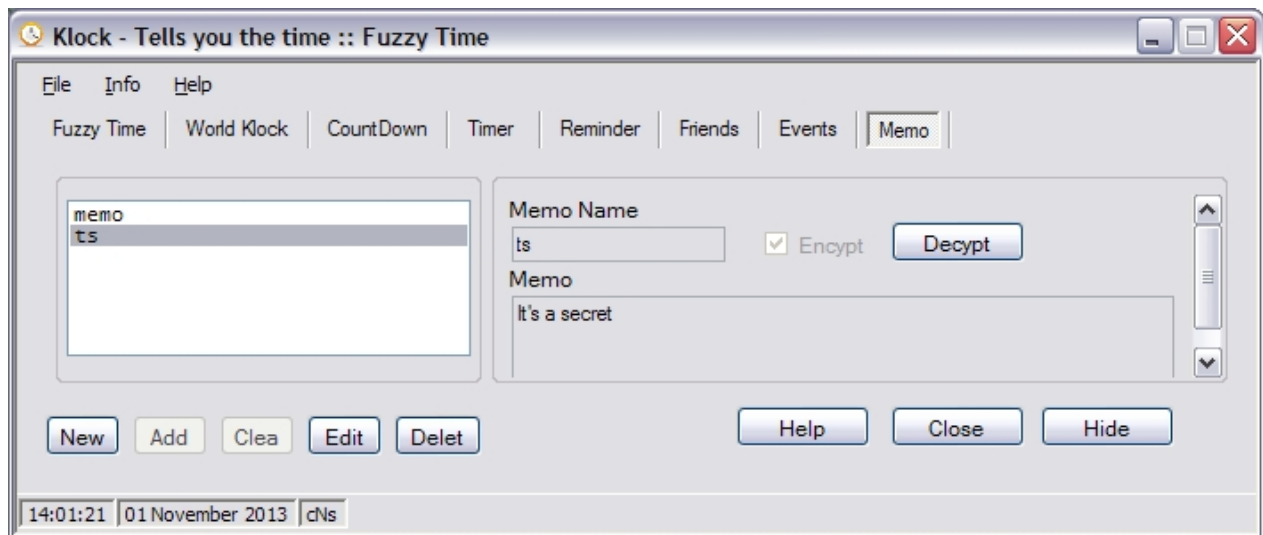
Implements a simple memo database thingy.

Memo's can be added, edited or deleted.



A secret memo can be created by checking the Encrypt. A password will then be requested [if required].

From options, a default password can be selected, this will then be used on all encryption and decryption. This not exactly secure, but will deter people your memo's over you shoulder.



The decrypt button is only available for a secret memo, it will temporary display the memo in clear text. This is default to 30 seconds, but the time out interval can be changed in options.

Created with the Personal Edition of HelpNDoc: [Single source CHM, PDF, DOC and HTML Help creation](#)

Convert

Convert



Implements a simple Conversion thingy.

Different conversion can be selected from different categories.

More conversions can be added by using the Add Units button. This loads the units text file into the systems default text editor. New conversions can then be added - NOT the format, this is important.

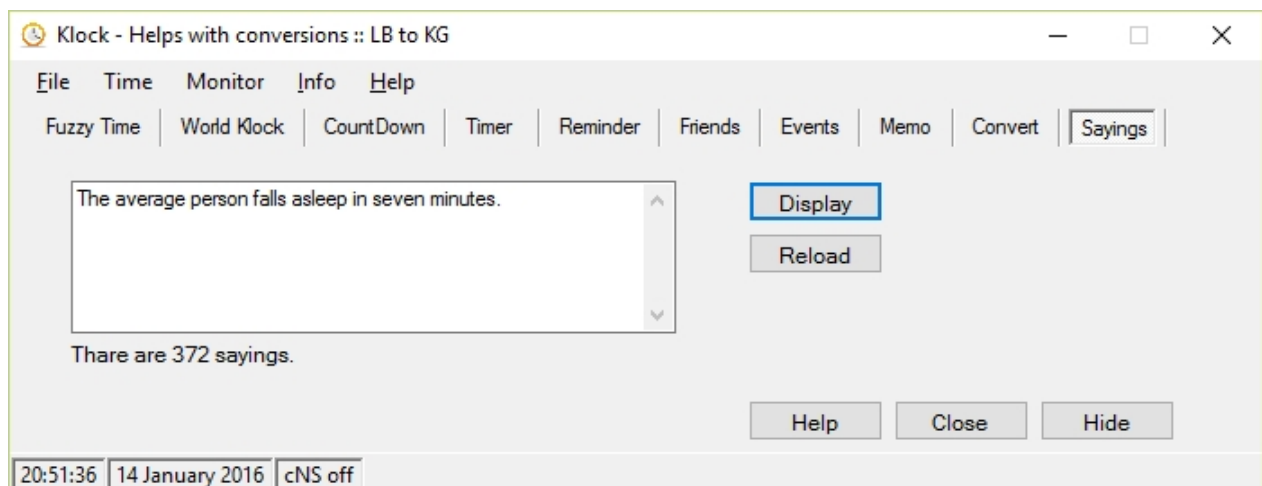
If the text file goes missing, a default one will be re-created on the next klock load. In fact a default one is created on the first run of klock.

The units file is also included in archives of the data files.

Created with the Personal Edition of HelpNDoc: [Free help authoring environment](#)

Sayings

Sayings



Implements a simple Sayings Display Thingy.

The sayings are held in a number of text files, with a blank line between each saying. The actual text files are held in a directory called *sayings* with the application start folder. These text files are read when the Klock starts, they can be re-read by clicking the Reload button.

The display button will display a random saying in the adjacent text box.

A random saying can also be displayed at a user chosen interval in the system tray - see Notification options.

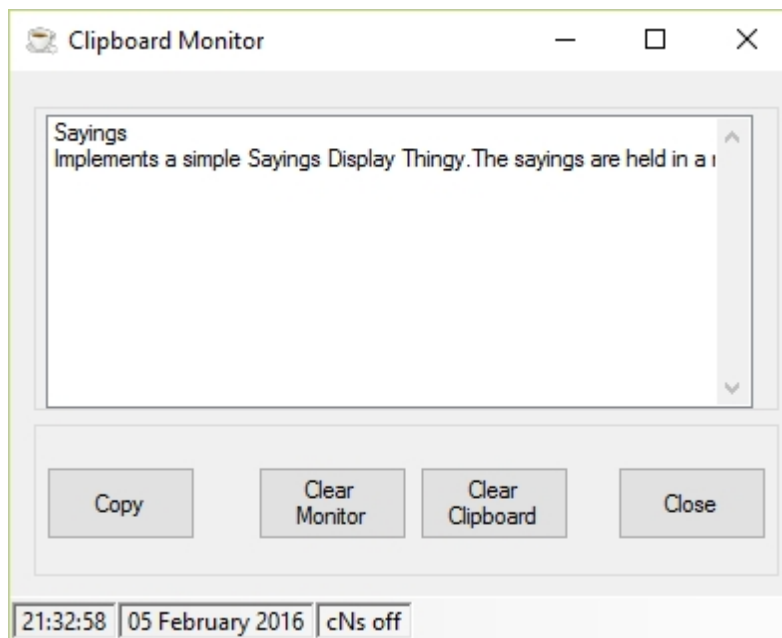
Created with the Personal Edition of HelpNDoc: [Free Kindle producer](#)

Clipboard Monitor

Clipboard Monitor

Implements a simple Clipboard Monitor Thingy.

There is not klock tab for the clipboard monitor, when enabled, via user options, the below form will be displayed whenever anything is copied to the clipboard.



The screen display all things copied to the clipboard, remembers the history of the clipboard.

The four options are thus.

- Copy - copies the selected thing back to the clipboard.
- Clear Monitor - clears all clipboard history.
- Clear Clipboard - clears the system clipboard.
- Close - Closes the clipboard, but not stop the clipboard monitor.

Once something has been copied back to the clipboard it can then be pasted into any open application.

NOTE :: only works with text at the moment.

Created with the Personal Edition of HelpNDoc: [Generate EPub eBooks with ease](#)

Menu

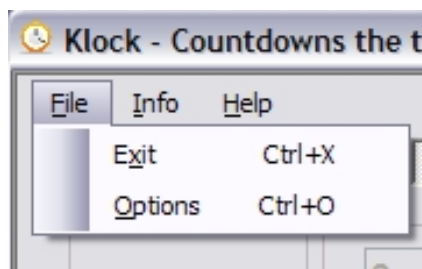
There are separate Menus for

- File
- Time
- Monitor
- Info
- Help

Created with the Personal Edition of HelpNDoc: [Free EBook and documentation generator](#)

File

File



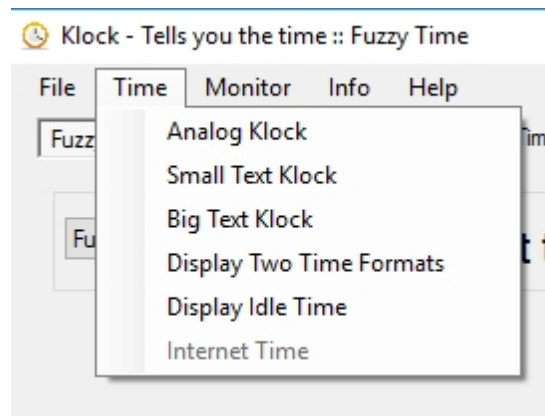
Allows selection of

- Exit - exist Klock.
- Options - loads the options screen.

Created with the Personal Edition of HelpNDoc: [Easy CHM and documentation editor](#)

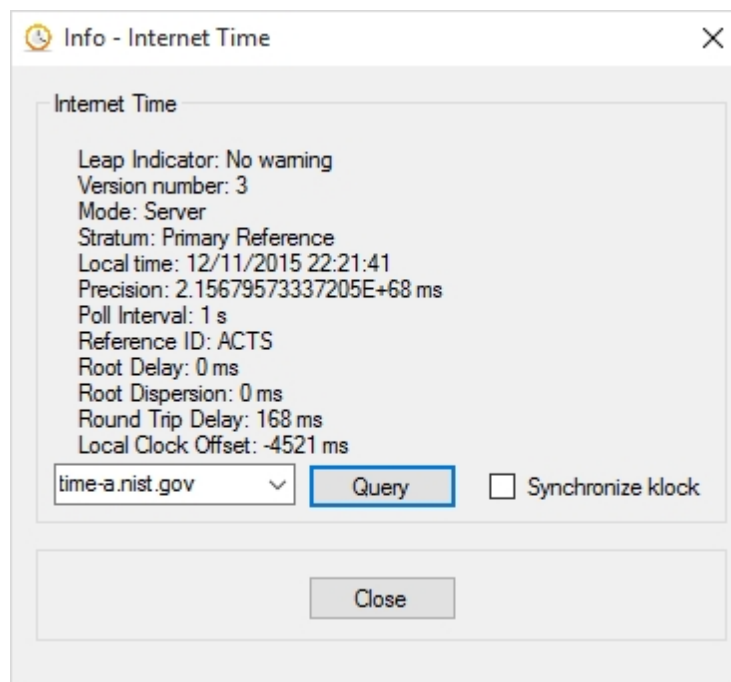
Time

Time



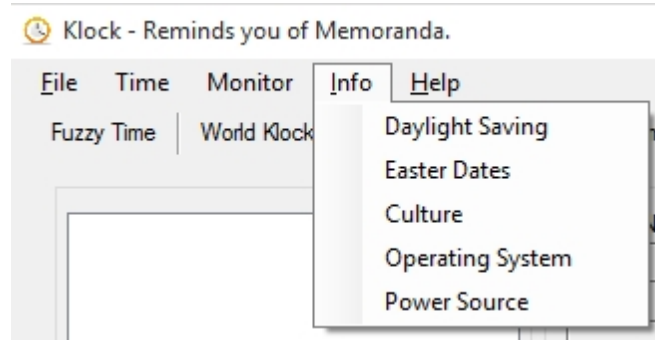
Allows selection of

- Analogue Klock - display a Analogue Klock [Time & Date] in a separate window, moving main Klock to the system tray..
- Small Text Klock - display a Text Klock [Time] in a separate window, moving main Klock to the system tray..
- Big Text Klock - display a Text Klock [Time & Date] in a separate window, moving main Klock to the system tray..
- Display Two Time Formats.
- Display Idle Time - display system idles time in the status bar.
- Display Internet Time - will query an internet time server [if connected to the internet]



Info

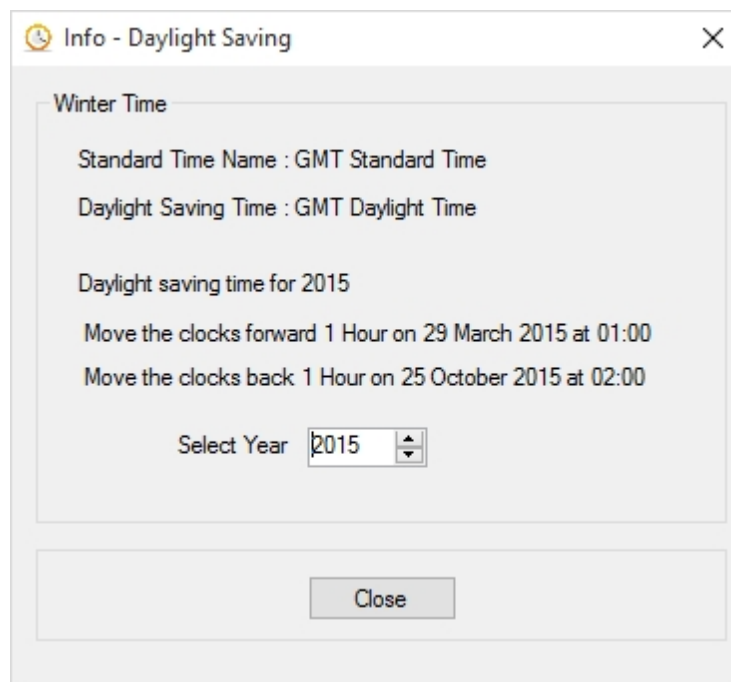
Info




This allows the selection of

- Daylight Saving
- Easter Dates
- Culture
- Operating System
- Power Source

On Daylight Saving & Easter dates the year can be changed. This allows the daylight saving and Easter dates to be displayed for any year.



Daylight Saving Information

 Info - Easter Dates ✕

Easter Dates

Easter Dates - 2015

Good Friday : 03 April 2015


Easter Sunday : 05 April 2015

Easter Monday : 06 April 2015

Select Year

Close

Easter Dates

 Info - Current Culture ✕

Current Culture

Current Culture Name : English (United Kingdom)

Three Letter ISO Name : eng

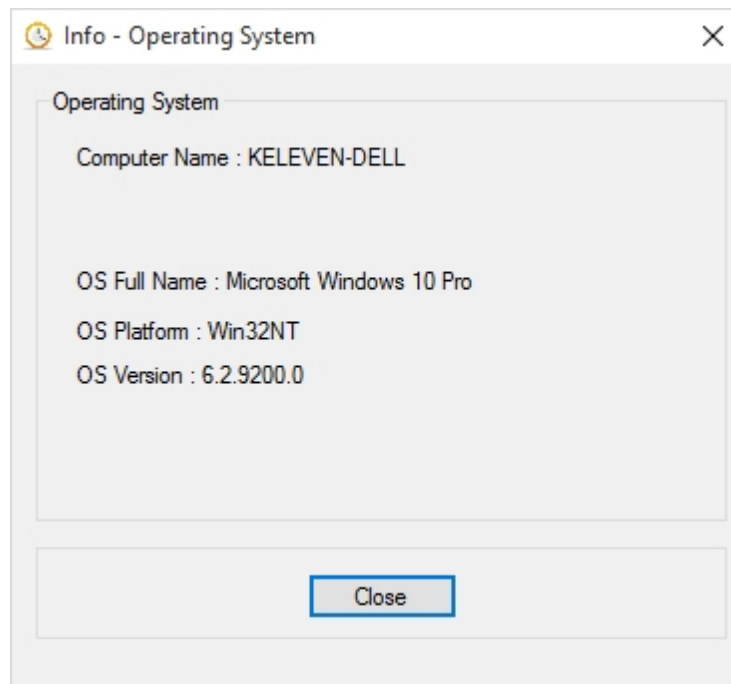
Full Date Time Pattern : dd MMMM yyyy HH:mm:ss

Currency Symbol : £

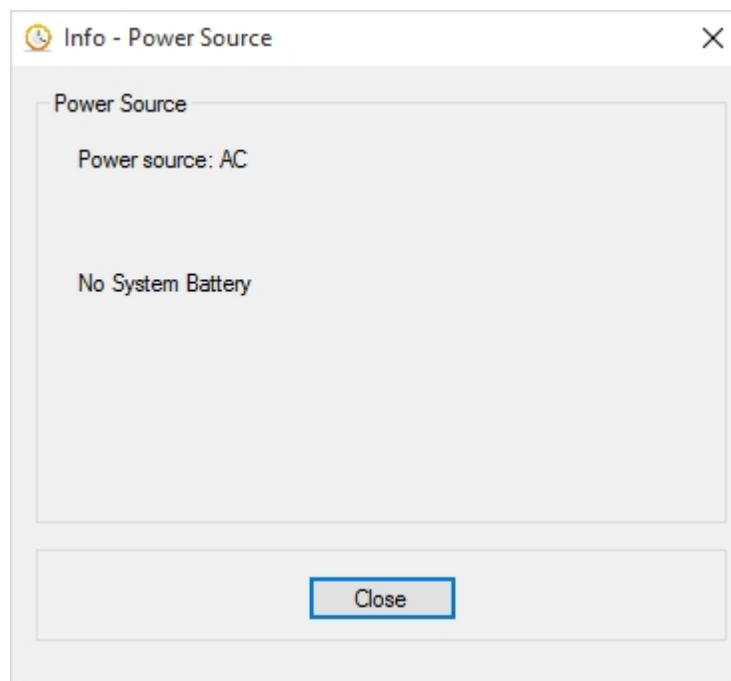
First Day of the Week : Monday

Close

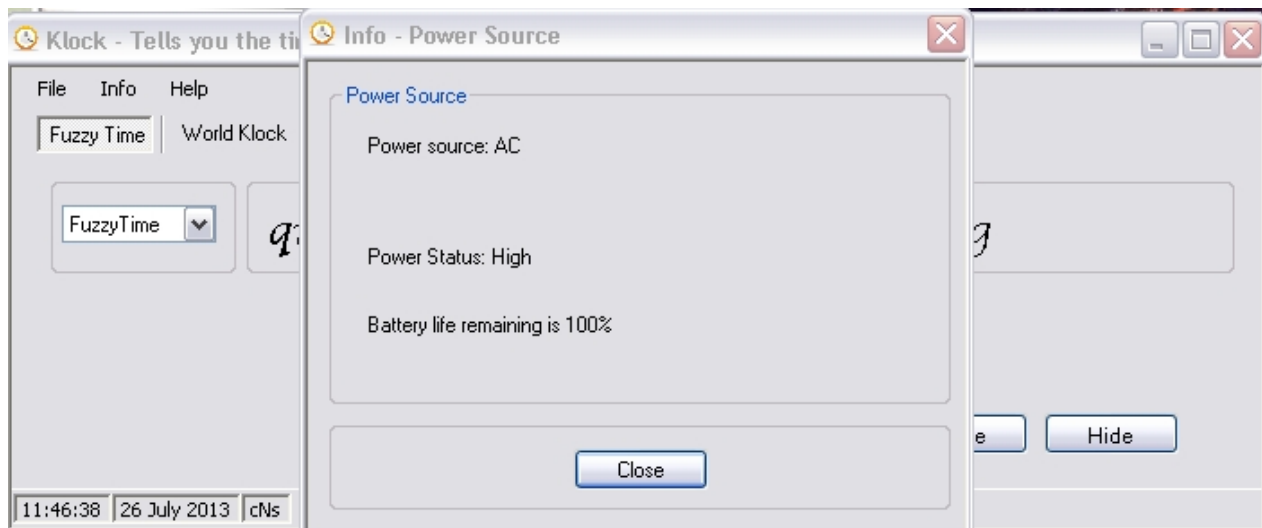
Current Culture Information



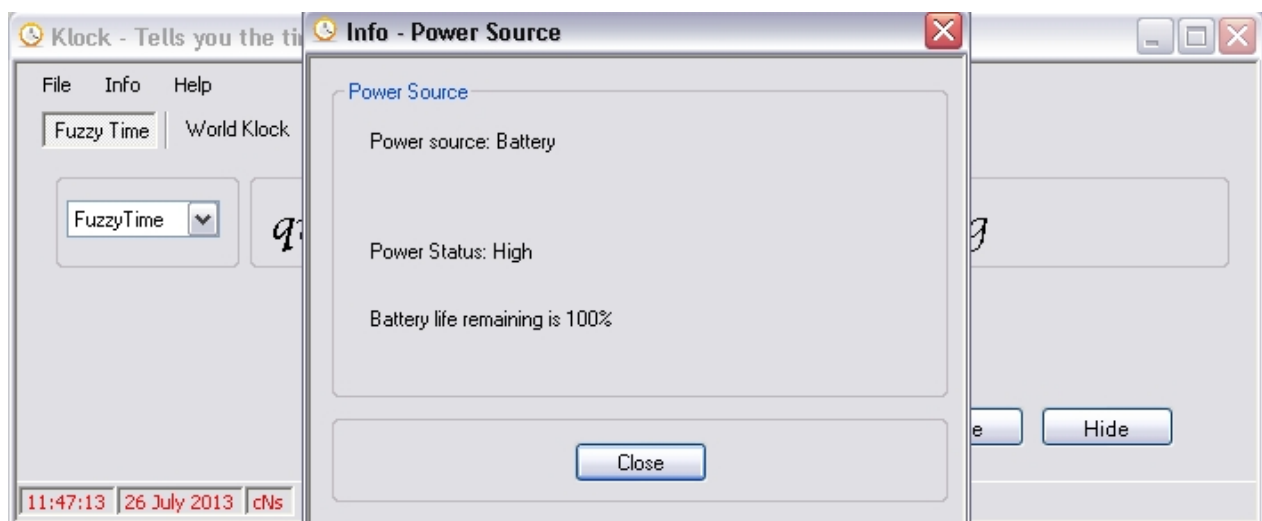
Operating System Information



Power Source information [PC running on mains]

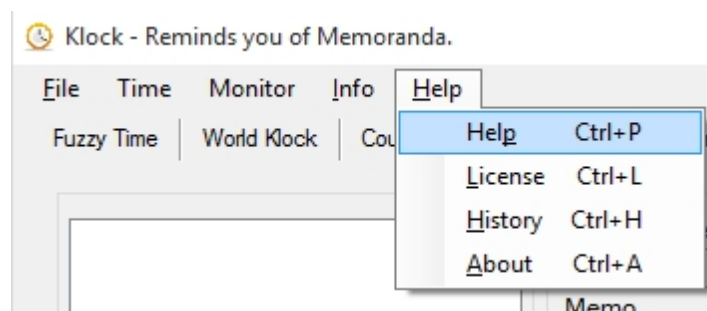


Power Source Information [laptop running on mains]

Power Source Information [laptop running on battery]
note : red colour of time & date on main form.

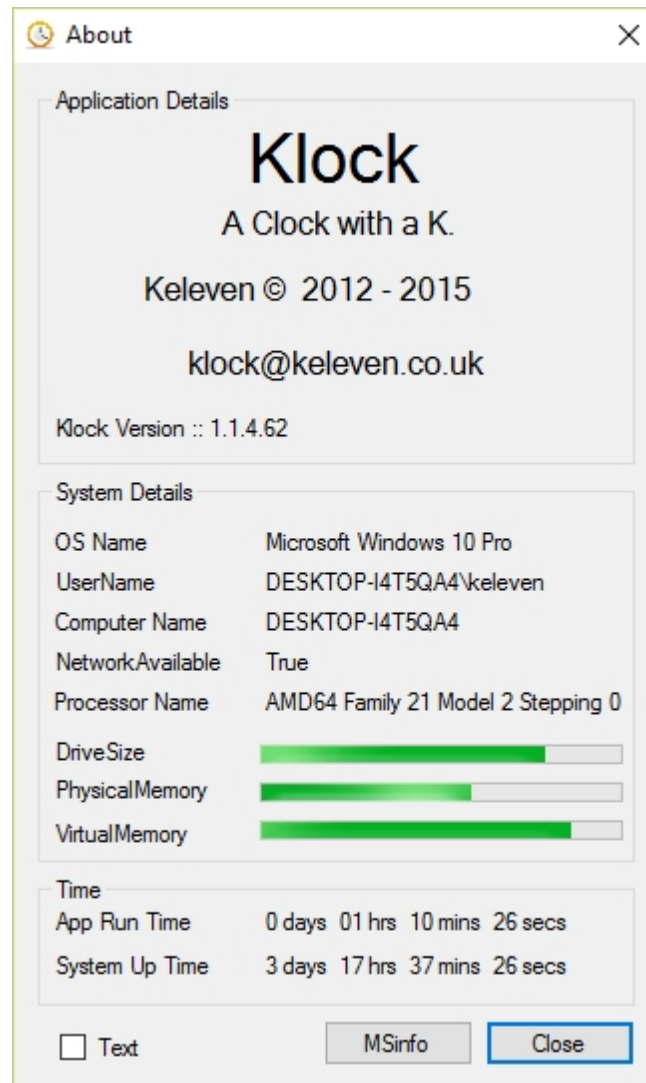
Help

Help



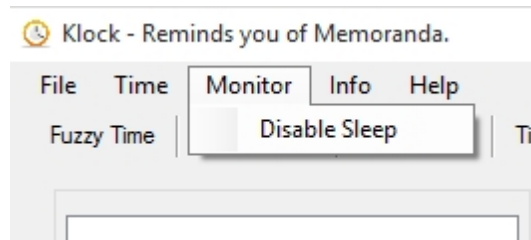
This allows the selection of

- Help - Loads this Help document
- Licence - loads the License information [GNU General Public License V3].
- History - Loads the history of Klock - git log.
- About - Loads About application information i.e. application version.



Monitor

Monitor



Allows selection of

- Disable sleep - prevents the monitor going into sleep mode.

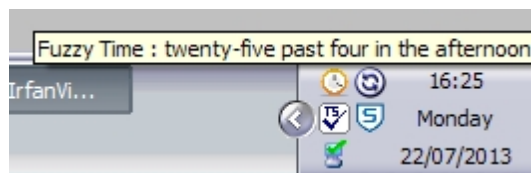
When preventing the monitor going to sleep, if the idle time is being displayed, this idle time will be displayed in red.

Created with the Personal Edition of HelpNDoc: [Free Web Help generator](#)

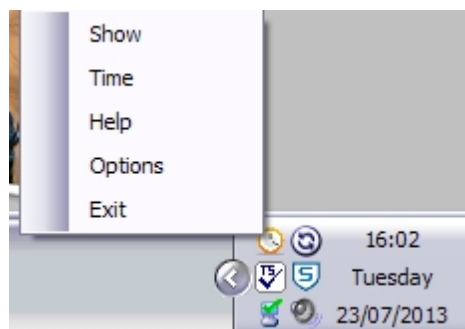
System Tray

System Tray

When the program is running in the system area, the following options are available.



If hovered over, the current time will be displayed. If two time formats are in use, only time one is used.



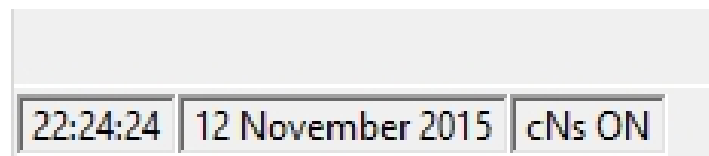
Right clicked on the icon will display a pop up menu.

- Show - Restore Klock
- Time - Toggle the display of time.
- Help - Display the help.
- Options - Display the options screen.
- Exit - Close Klock.

If the application is in the task bar, any display messages [i.e. a reminder becoming due] will be displayed in a notification window [as will errors etc].

Status bar

Status Bar



The status bar contains [after the the time & date] the legend cns.

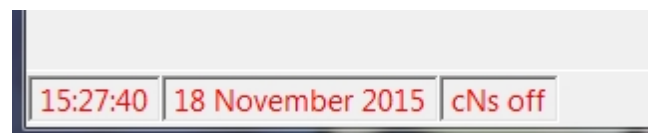
The c represents Caps lock.

The n represents Num Lock.

The S represents Scroll Lock.

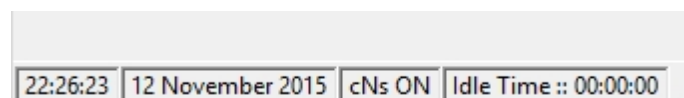
The ON represents connected to the internet. A OFF would indicate disconnected from the internet.

The letter will be upper case if the key is activated, otherwise lower case.

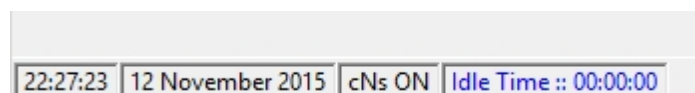


If the running PC [Laptop] is running on battery - the colour will turn to red.

If idles time is being displayed -



and if Monitor / Disable Sleep has been selected



Options

The application also contains a options screen [file / Options] which allows various options to be set.

The options screen can also be loaded by pressing Alt + F2.

Klock boasts over 90 options to customise klock.

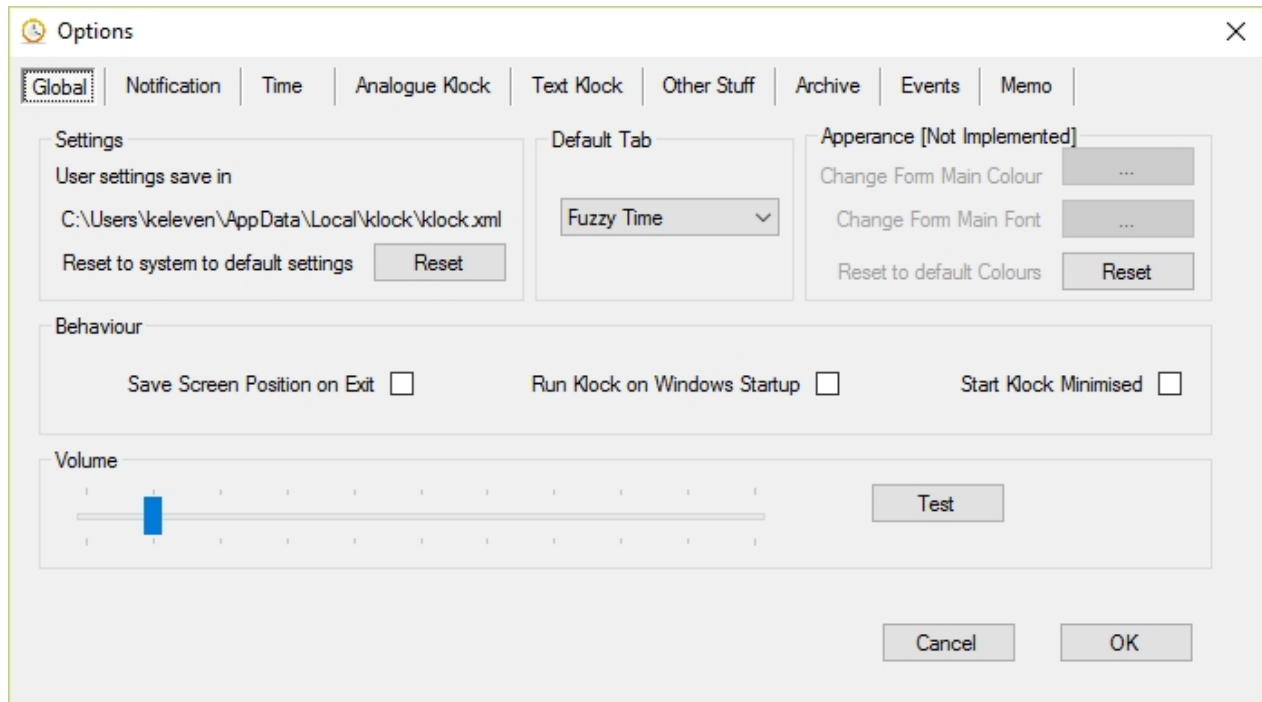
There are separate options for

- Global
- Notification
- Time
- Analogue Klock
- Text Klock [both small & big]
- Other Stuff
- Archive.
- Events
- Memo
- Sayings

NB: If the option is checked to start on windows start up [in fact most user options], only operates for the current user.

Global

Global



The global options are as follows.

Settings

where the settings file reside - currently klock.xml. This can be re-set to the default settings for the application.

Appearance

This is intended to allow the user to change the colours of the form and font and the style of the font - Currently not implanted.

Behaviour

Allows klock to remember screen positions on exit.
Will run klock when windows first starts [current user only].
Start klock in the system tray.

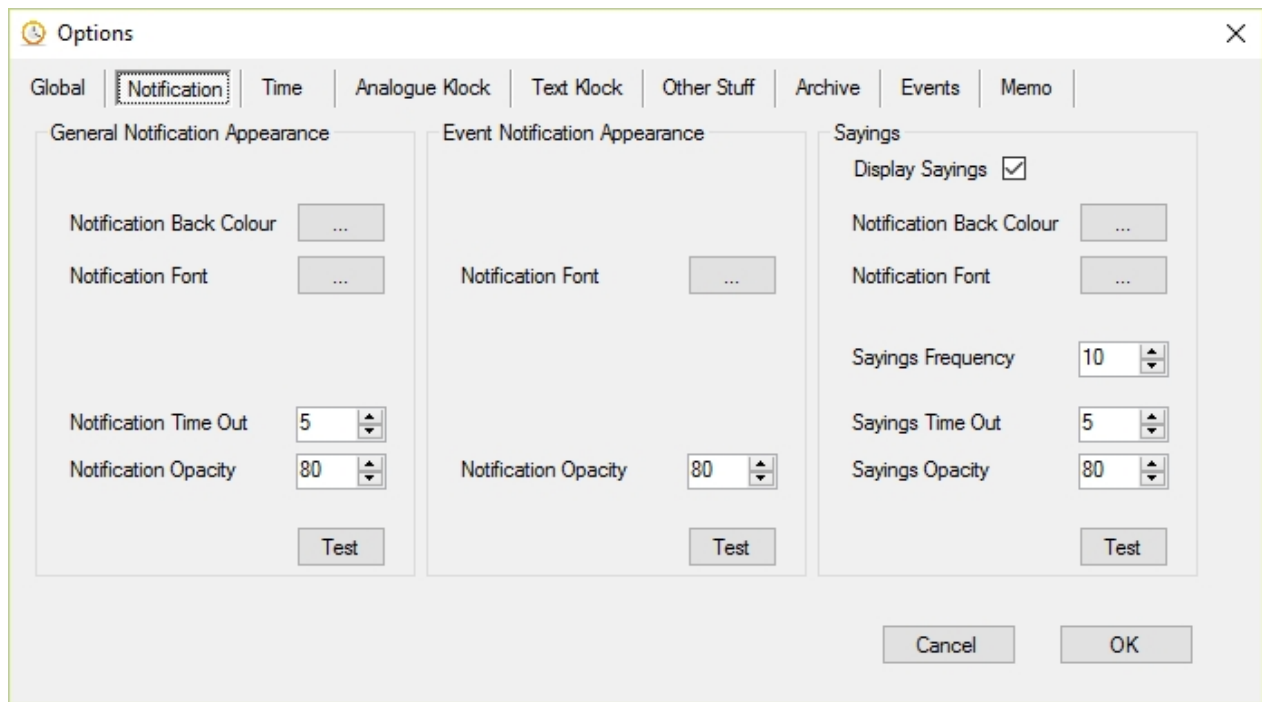
Volume

The volume of the sound klock makes.

Pressing OK will save the new settings.
Pressing cancel will not save any changes.

Notification

Notification



The Notification options are as follows.

General Notification Appearance

This allows the change in colour of the notification and style of the font.
The time out, is the time [in seconds] that the notification is displayed.
The opacity of the notification can also be adjusted.

The test button will display a notification with the new[current] options.

Event Notification Appearance

As above, but for the notification that appears for an Event.

Pressing OK will save the new settings.
Pressing cancel will not save any changes.

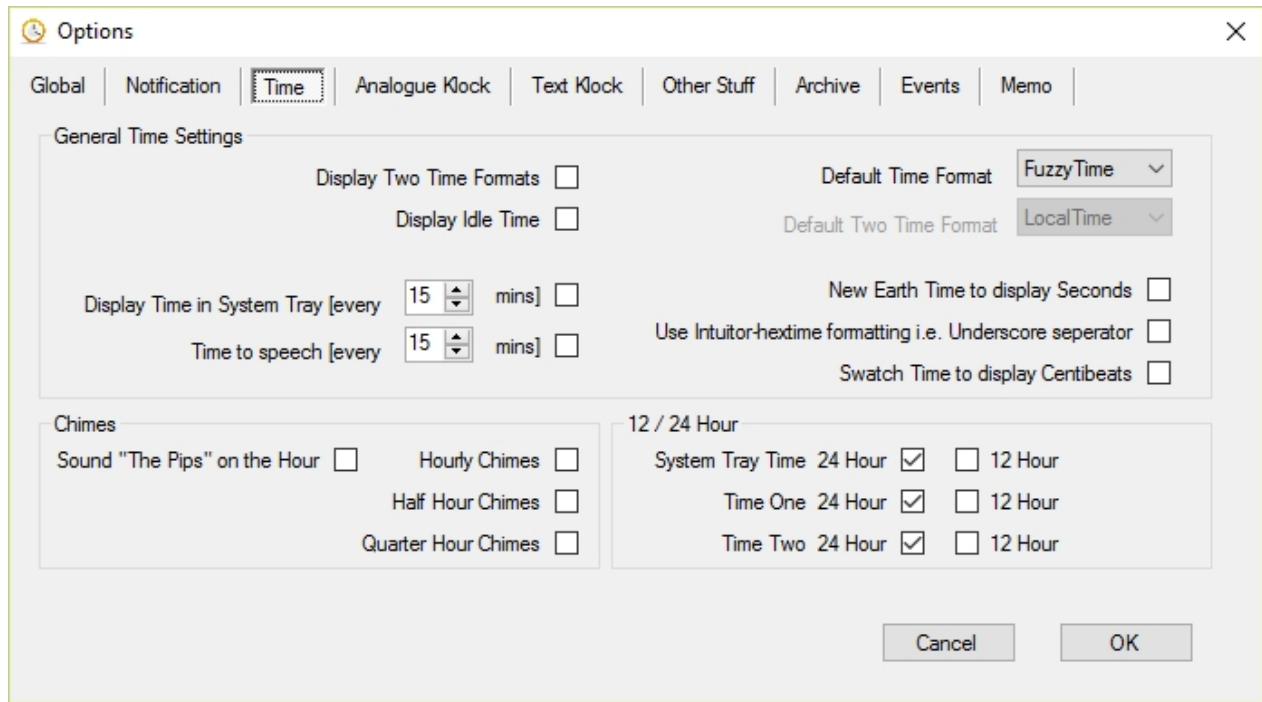
Sayings Notification Appearance

As above, but for the notification that appears for an Saying.
The Saying Frequency sets the interval that the sayings will be displayed. Frequency is set in Seconds.

NB :: all times [except Frequency] are in minutes and Opacity is in per cent.

Time

Time



The Time options are as follows.

Settings

The time can be selected to show in two formats. With both time formats having a default setting.

The system idle time can be displayed in the status bar.

The time can be displayed in a notification every n minutes, if desired.

the time can spoken every n minutes, if desired.

These two option only apply to the first time format, if two time formats are chosen.

New Earth Time can either select seconds or not.

Intuitior-hextime [TrieHexTime] can be display in either one of two formats - .A5B5 or A_5B_5

Swatch time can display centibeats - @635 BMT or @635.37 BMT

Chimes

Klock can either sound the "pips" or chimes on the hour.

If chimes are chosen, chimes can also be selected for the quarter and half hours.

NB : can either have pips or chimes, not both.

12 / 24 Hour

The time in the system tray, time display 1 or time display 2 can all be set to display the time in either 12 or 24 hour format.

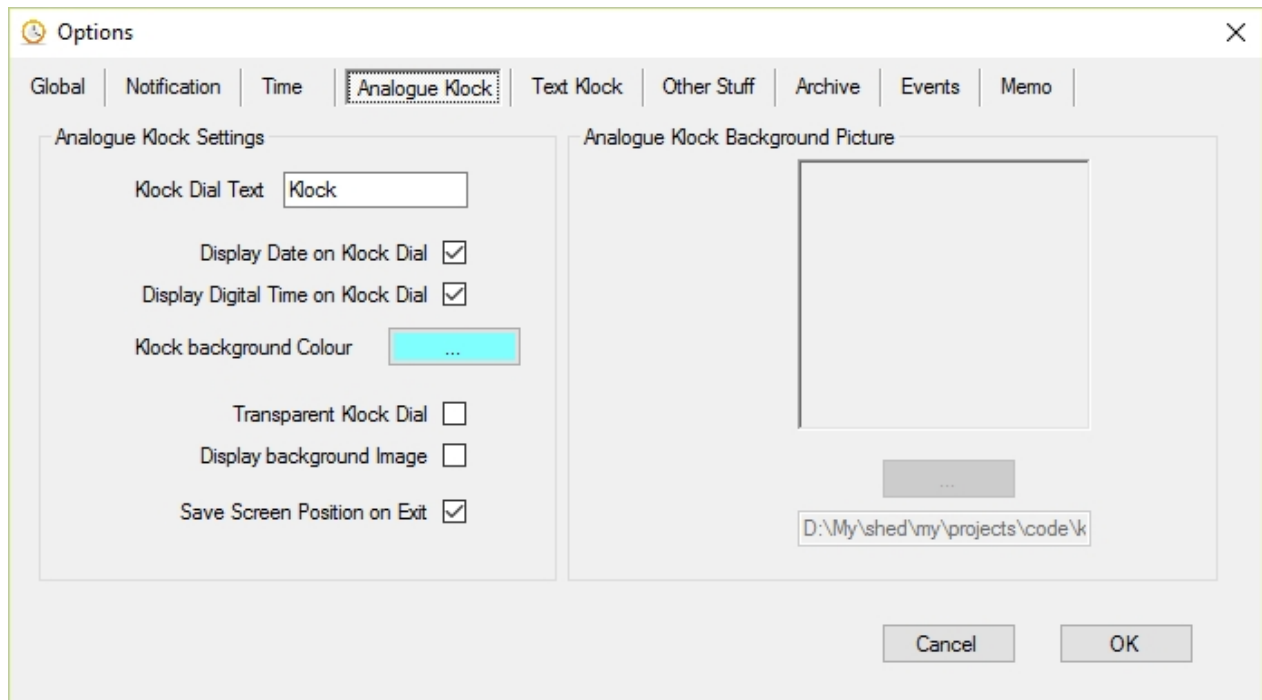
NB :: does not affect some of the time formats i.e. Hex time.

Pressing OK will save the new settings.

Pressing cancel will not save any changes.

Analogue Klock

Analogue Klock



The Text Klock options are as follows.

Various aspects of the Analogue Klock can be set - Dial Text, if the date and digital time is displayed, Background colour, if the dial is transparent.

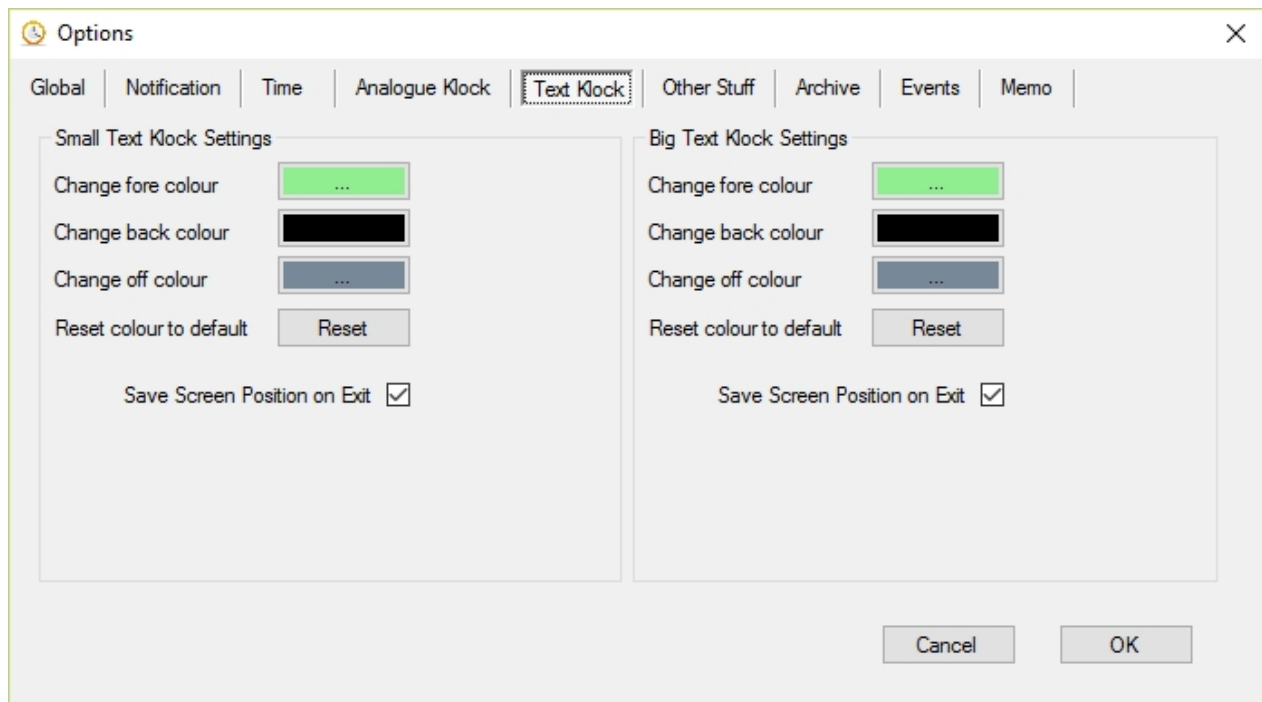
If Display background Image is checked , then the option of the right hand side become available. These option allow a image to be chosen. Several images are included in the image folder within the application start folder, but any image could be used.

Pressing OK will save the new settings.
Pressing cancel will not save any changes.

Created with the Personal Edition of HelpNDoc: [Free Kindle producer](#)

Text Klock

Text Klock



The Text Klock options are as follows.

The various colours can be set for both Small Text Klock and the Big Text Klock separately.

The reset option, sets the colour of the active text to Green, the colour of the background to Black and non-active text to Light Grey - for both klocks.

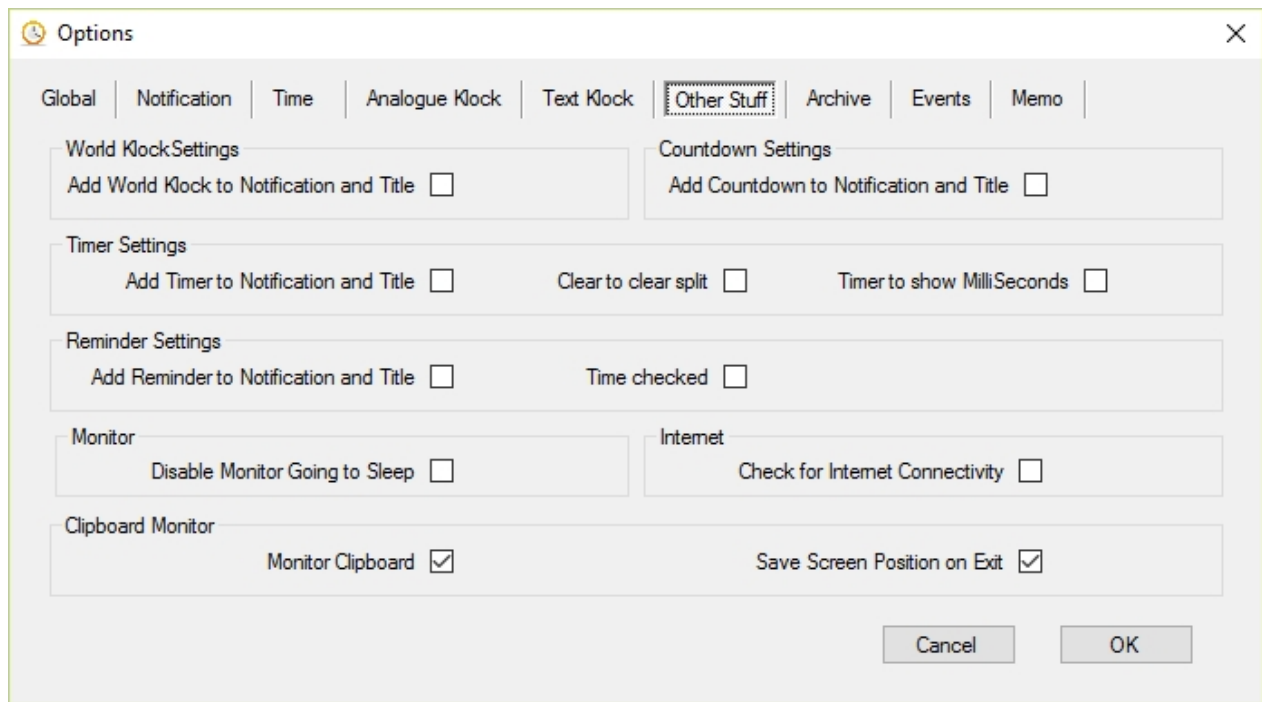
Allows both Small Text Klock & Bit text Klock to remember screen positions on exit.

NB :: care should be taken when setting active text colour that could conflict with the status bar - blue = disabled monitor sleeping and red = laptop running on batteries.

Pressing OK will save the new settings.
Pressing cancel will not save any changes.

Other Stuff

Other Stuff



The Other stuff options are as follows.

World Klock Settings.

Display running information as a notification and title.

Countdown Settings.

Display running information as a notification and title.

Timer Settings.

Display running information as a notification and title.

The clear button will also clear the split time.

Time will show milliseconds.

Reminder Settings.

Display running information as a notification and title.

Time input is enabled by default.

Monitor.

Prevents the monitor[display] from going to Sleep.

If idle time is not being displayed, switching on this option will enable displaying idle time, But, only for the life of this option.

The option can also be selected by pressing Alt + F7 and deselected by pressing Alt + F8.

Internet

Perform the check for internet connectivity. If unchecked - no check will be made and Klock will think its not connected to the internet, even if a valid internet connection is available.

Clipboard Monitor

A method of remembering the clipboard history. The monitor can enabled / disabled, if enabled the form position can be remembered.

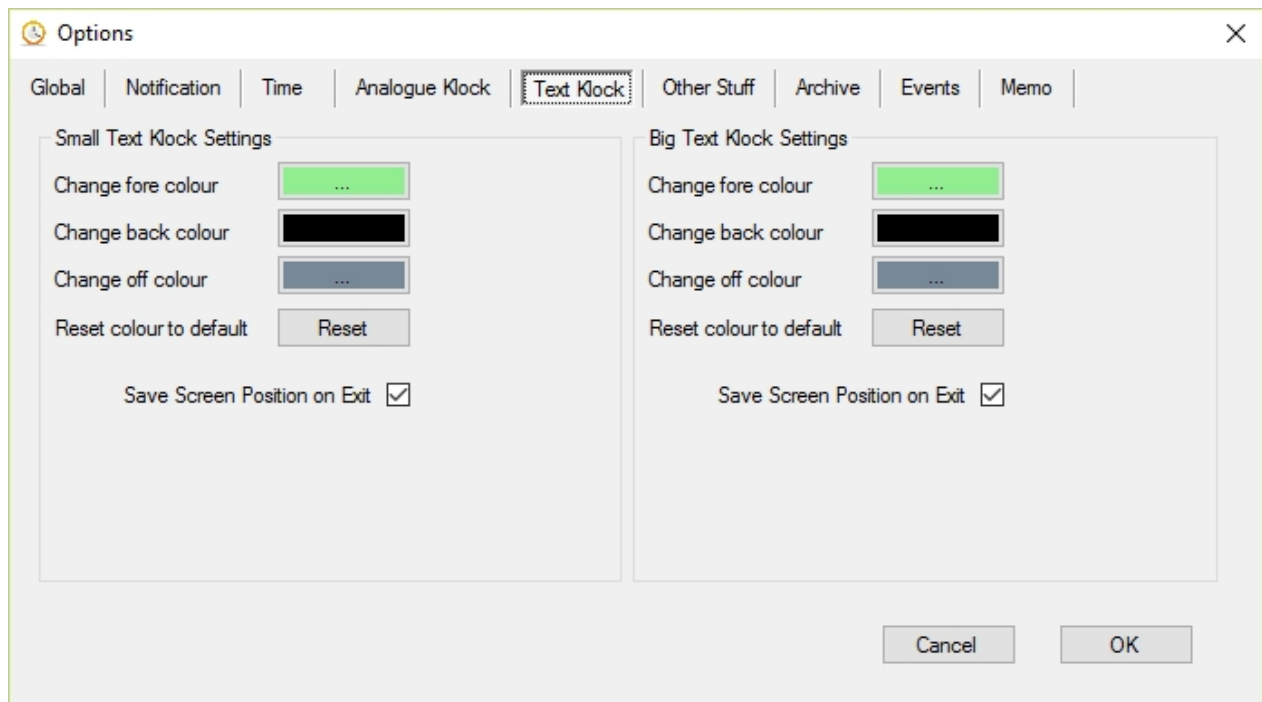
The "Display running information as a notification and title" adds running information to either klocks title [if visible] or by a notification [if running in the system tray].

Pressing OK will save the new settings.

Pressing cancel will not save any changes.

Archive

Archive



The Archive options are as follows.

Data Files

The location the data files holding the Friends, Events, Memo and Settings.

The settings file is hard wired, but the name and location of the Friends and Events, Memo file can be changed.

The location of the Friends, Memo and Events file can be re-set back to the windows default location for saving application data [i.e. where the settings file is saved]

Archive

The name and location of the archive file.

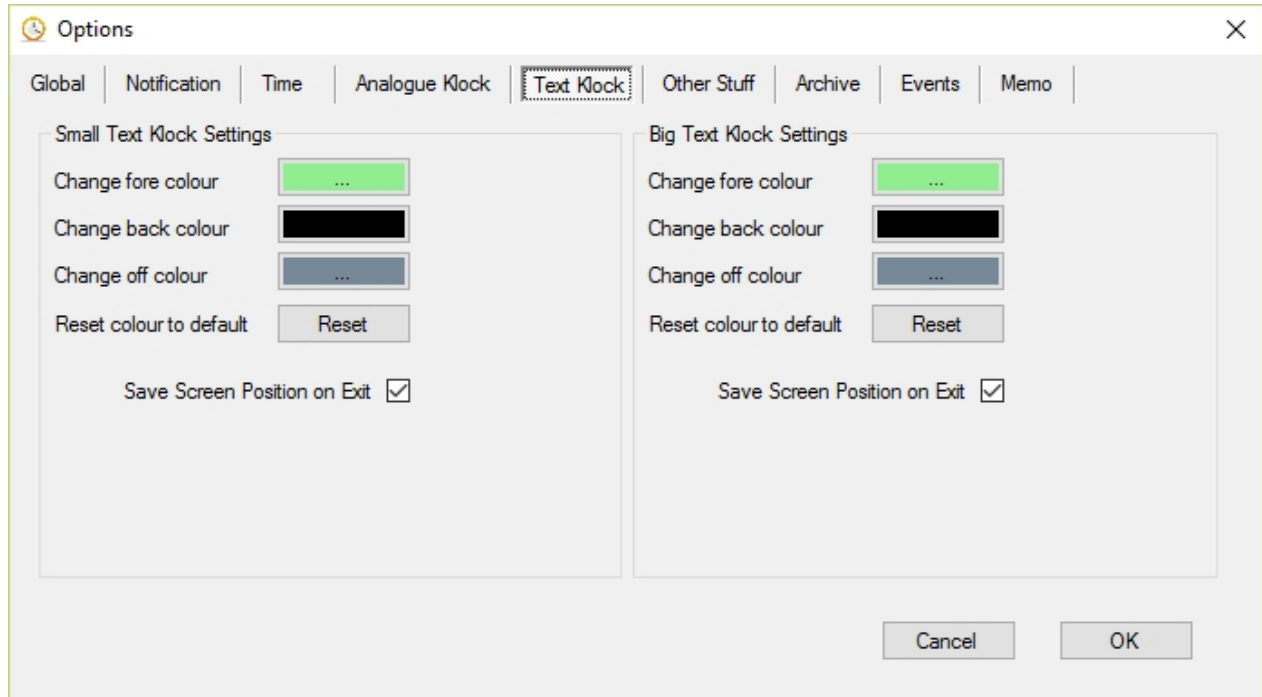
If the file exists, the load button is enabled - so a archive can be read [a warning will be given]

Pressing OK will save the new settings.

Pressing cancel will not save any changes.

Events

Events

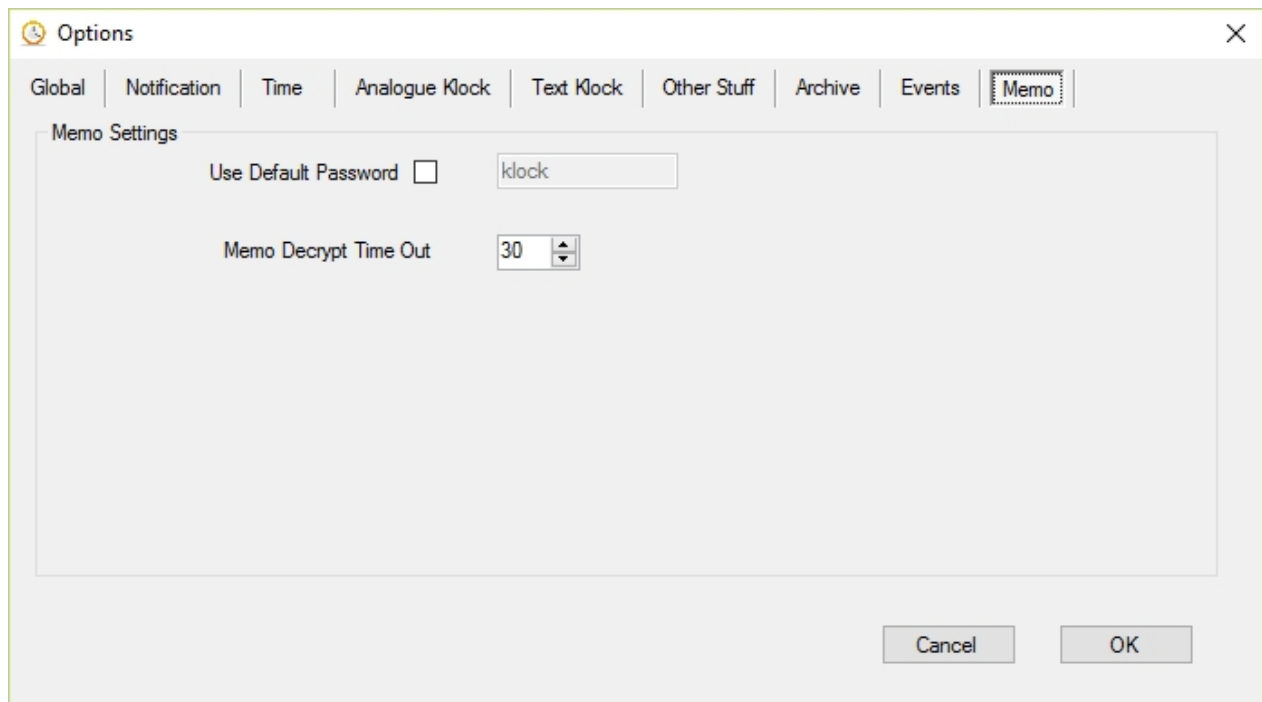


Each event can display a reminder notification up to three time before it's due date. The period of these reminder notification can be set. Also the colour of the reminder notification can be changed to suit.

Usually Events are checked every 60 minutes, but this also can be changed.

Memo

Memo



Memo can be set up to use the default password.

The time out for displaying clear text of an secret memo can be set. in seconds.

Created with the Personal Edition of HelpNDoc: [Free PDF documentation generator](#)

Hot Keys

Hot Keys

The following hot may may be used while Klock is running

- | | |
|-----------|---|
| F1 | - loads the help screen. |
| Alt + F2 | - loads the options screen. |
| Alt + F3 | - loads Analogue Klock |
| Alt + F4 | - loads Small Text Klock. |
| Alt + F5 | - loads Big Text Klock. |
| Alt + F6 | - closes either text Klock, if running. |
| Alt + F7 | - prevents the monitor from going to sleep. |
| Alt + F8 | - restores system monitor power settings. |
| Alt + F12 | - displays the number of friends on the system. |

Created with the Personal Edition of HelpNDoc: [Free iPhone documentation generator](#)

License

License

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program—to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps:

- (1) assert copyright on the software, and
- (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software.

For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you".

"Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized

standards body,
or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities.

However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided

the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program.

The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
- c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy.
This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
- d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of

the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium),
accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium),
accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source.
This alternative is allowed only occasionally and non commercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
- e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In

determining whether a product is a consumer product, doubtful cases shall be resolved in favour of coverage.

For a

particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or

expects or is expected to use, the product. A product is a consumer product regardless of whether the product has

substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of

the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information

required to install and execute modified versions of a covered work in that User Product from a modified version of its

Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code

is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the

conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to

the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding

Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not

apply if neither you nor any third party retains the ability to install modified object code on the User Product (for

example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support

service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product

in which it has been modified or installed. Access to a network may be denied when the modification itself materially

and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format

that is publicly documented (and with an implementation available to the public in source code form), and must require

no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of

its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were

included in this License, to the extent that they are valid under applicable law. If additional permissions apply only

to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the
Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits re licensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such re licensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including

any patent
licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated

(a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and
(b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days
after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you
of the violation by some reasonable means, this is the first time you have received notice of violation of this License
(for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or
rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not
qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of
a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not
require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered
work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a
covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run,
modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third
parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or
subdividing an organization, or merging organizations. If propagation of a covered work results from an entity
transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work
the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the
Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with
reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For
example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License,
and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any

patent

claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sub licenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement).

To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients.

"Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License.

You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defences to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<http://www.gnu.org/licenses/>>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License.

Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer"

for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <<http://www.gnu.org/licenses/>>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

But first, please read

<<http://www.gnu.org/philosophy/why-not-lgpl.html>>.

Credits

Credits

- The notification windows [or toast] is written by jmcilhinney and can be found at

- <http://www.vbforums.com/showthread.php?351757-Animated-Window-Effects-with-quot-Toast-quot-popup-demo>
- Much of the code for the Friends, Events & Memo tabs was inspired from reading Mastering Visual Basic 2010 by Evangelos Petroutsos.
- SNTP client curtesy of Valer Bocan - see <http://www.bocan.ro/sntpclient>
- Convert based on article in <http://www.dreamincode.net/forums/topic/121316-an-updatable-unit-conversion-calculator/>
- Most of the time formats where found on the internet - clever minds then me out there
- Nancy Blackett Semaphore Font curtesy of ©2006 Roland B. Harris
- www.allthingsransome.net/downloads/nbsemaphore.html
- Semaphore & BrailleLatin font curtesy of www.creamundo.com/en
- Analogue clock at <http://www.codeproject.com/Articles/19395/Analog-Clock-Control> - very good VB.NET
- Images from <http://www.customicondesign.com/free-icons/>
- Font for the list-boxes, Hack - <http://sourcefoundry.org/hack/>
- Clipboard stuff based on - <http://jo0ls-dotnet-stuff.blogspot.co.uk/2008/12/setclipboardviewer-api-vbnet.html>