

Klock

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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, Sticky Notes & Clipboard Monitor.

Kevin scott

Klock

A Help gubbins for the time thingy. Build 76.

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Welcome

Welcome To Klock

Kevin scott

Klock

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About

About Klock

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 Eleven pages;
Fuzzy Time, World Klock, Countdown, Timer, Reminder, Friends, Events, Memo, Conversions, Sayings & Clipboard Monitor.

Klock currently consists of over 14000 lines of VB.net 2015 code. Also Klock boasts about 100 user options, so that Klock can be extensively customised. Also, error logging can be enabled - if things go wrong.

Fuzzy Time

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

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.

World Klock

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

Countdown

Implements a simple countdown timer [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. At the end of the countdown, either a sound can be played, a reminder displayed, a system command [system shut down or re-boot] or a external program can be run - or any combination of the four.

Timer

Implements a simple timer, with split time function.
The timer can be stopped, paused and resumed.
A split function allows for given time to be remembered.

Reminder

Implements a reminder option.
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 date is added, the reminder will fire at midnight. When the reminder is due either a sound can be played, a reminder displayed, a system command [system shut down or re-boot] or a external program can be run - or any combination of the four.

Friends

Implements a simple contact [Friends] database.
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 viable, will show the total number of friends klock knows about.

Events

Implements a events option.
This enables for [recurring] events to set up and reminders displayed to the user. A number of pre-defined events types are already set up.

Memo

Implements a simple memo option.
Allows memo type short notes to be saved, either in plain or encrypted text.

The location of the Reminder, Friends, Events and memo files can be changed in the option screen. A Zip Archive can then be save and re-loaded of this file

Convert

Implements a simple Conversion thingy.
Different conversion can be selected from different categories.

Sayings

Implements a simple Sayings Display Thingy.

A random saying can also be displayed at a user chosen interval in the system tray

Clipboard manager

Implements a simple Clipboard Monitor Thingy.

The Clipboard manager remembers all things copied to the clipboard, remembers the history of the clipboard.

Sticky Notes

Implements a simple Sticky Notes Thingy.

The little yellow [colour can be changed] notes can be places all over the screen.

If they are still open when Klock is closed they will reappear when next Klock is opened.

The button bar contains three buttons -

help - will display a simple help screen, depending upon the tab being currently viewed [not yet implemented].

Close - Quits the application.

Hide - Switches the application to the system area.

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

If hovered over, the current time will be displayed.

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

This will allow the application to be restored, the option screen to be displayed,
the application can be exited or toggle the displaying of time in a notification window.

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.].

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

The c represents caps lock.

The n represents Num Lock.

The S represents Scroll Lock.

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

If the PC is detected to be running on battery, these will appear in red.

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

NB: If the option is checked to start on windows start up, it only operates for the current user.

Program partially tested on Windows XP, Windows 7 & 10 [both 32 & 64 bit].

Getting Started

Klick on Klock.

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System requirements

System Requirements

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 4.5 [from build 71], get from your favourite Microsoft site.

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Getting help

Getting Help

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

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

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Thingy-ma-bobs

There are separate thingy-ma-bobs for

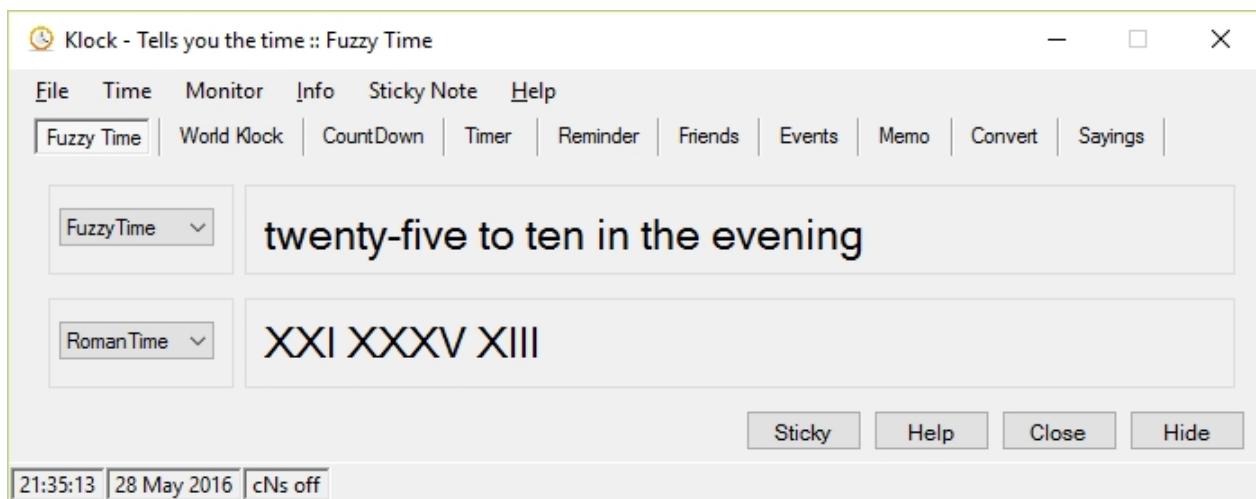
- Fuzzy Time
 - Analogue Klock
 - Small Text Klock

- Big Text Klock
- World Klock
- Countdown
- Timer
- Reminder
- Friends.
- Events
- Memo
- Convert
- Sayings
- Sticky Notes

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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.

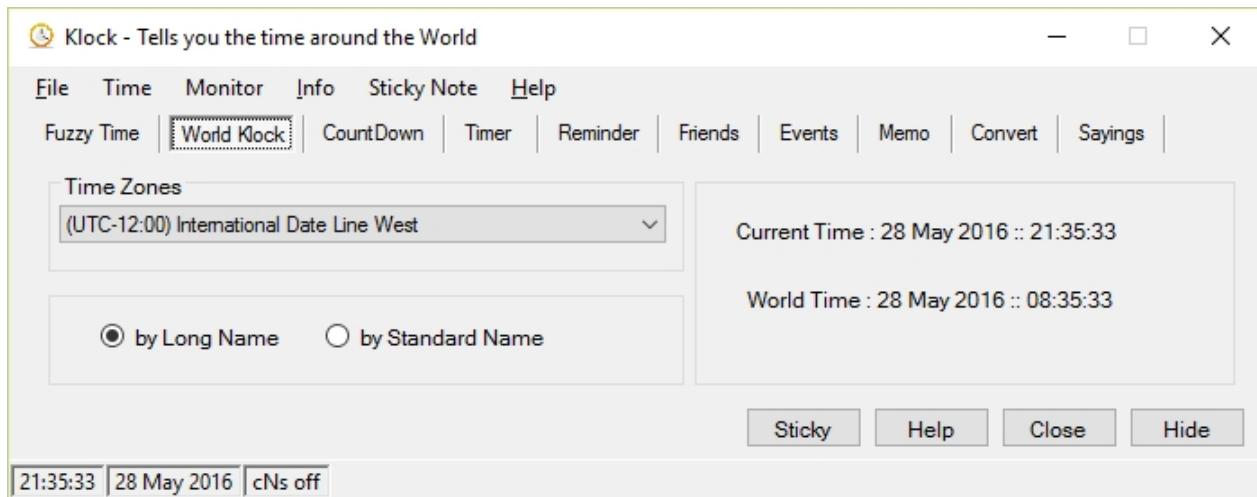
System idle time can also be displayed in the status bar - this is enabled in the time options screens [or ALT F7/ ALT F8].

See Status Bar for details on the status bar information.

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World Klock

World Klock



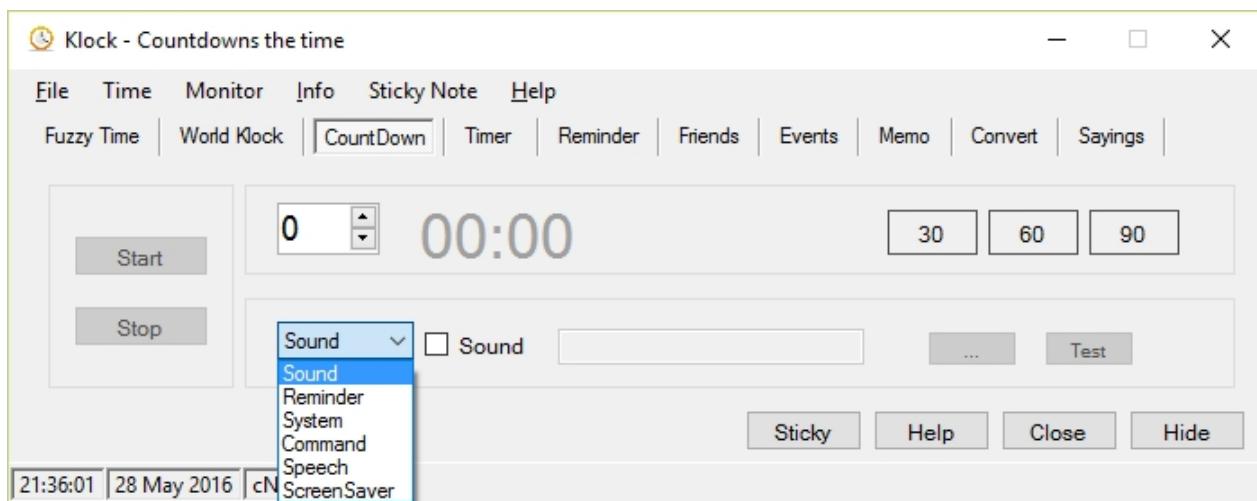
Allows the time from a selected Time Zone to be displayed.

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

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Countdown

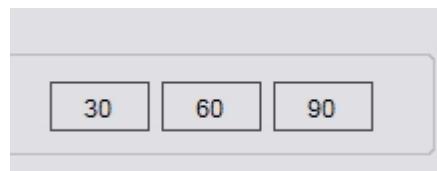
Countdown



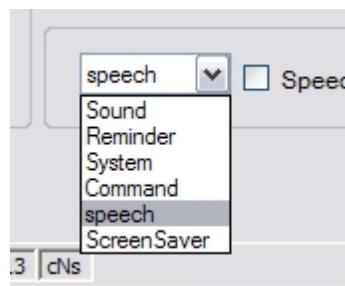
Implements a simple countdown timer thingy [between 1 and 90 minutes].

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.

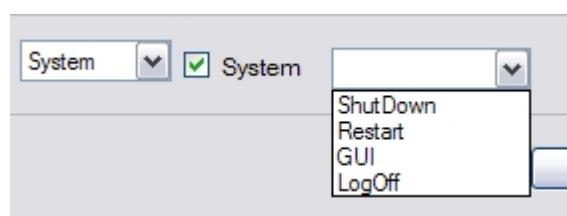


The three quick start buttons, count down from 30, 60 or 90 minutes.



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.

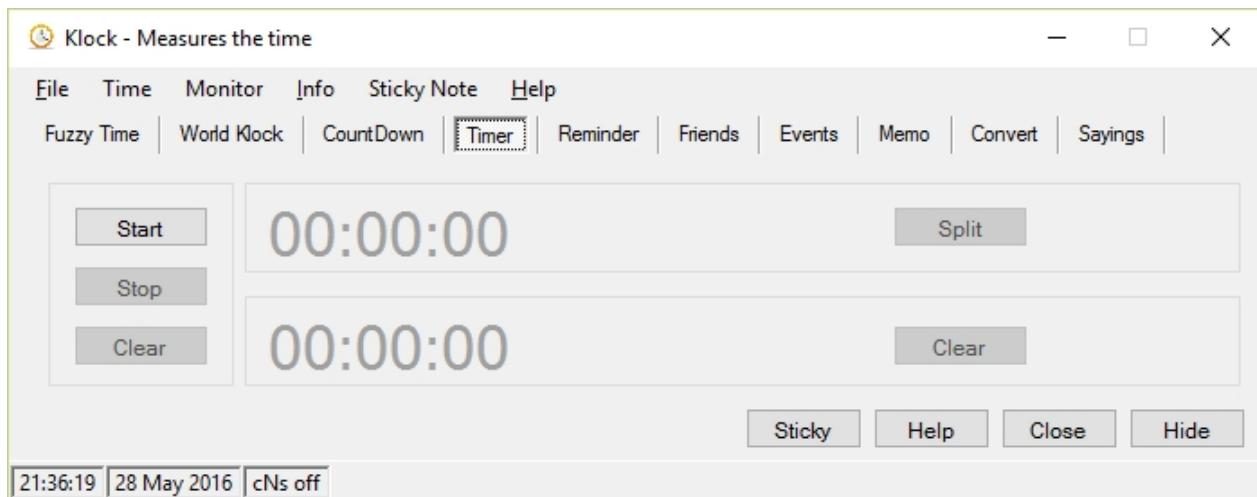


System command menu.

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Timer

Timer



Implements a simple timer thingy, with split time function.

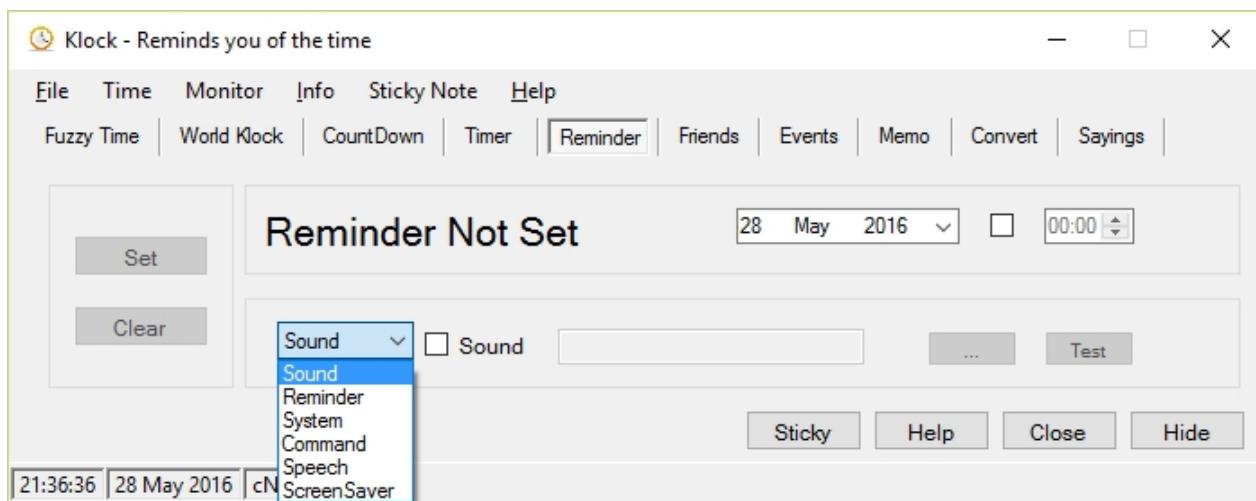
The timer can be stopped, paused and resumed.

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

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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.

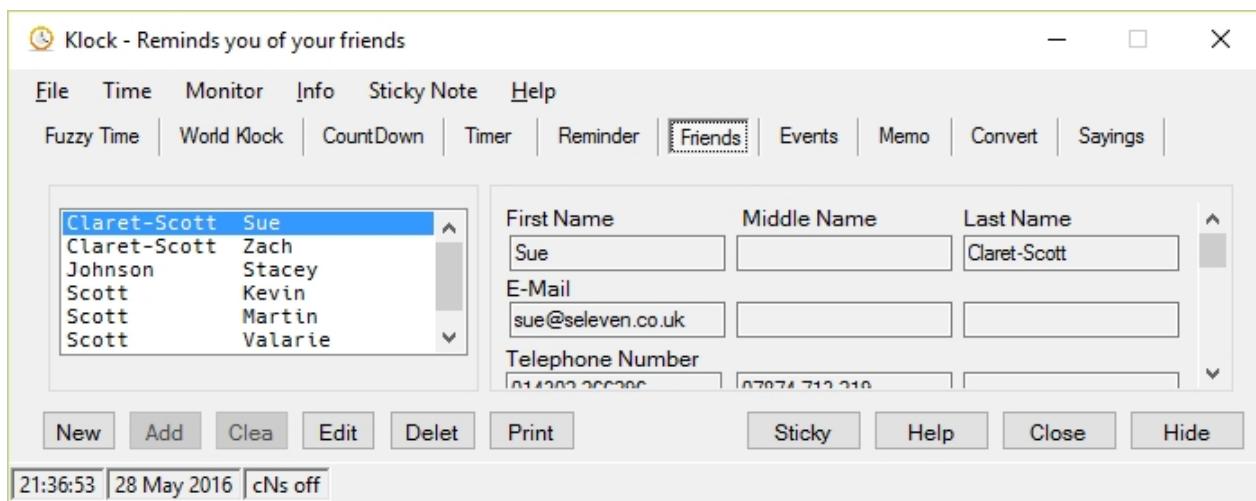


System command menu.

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

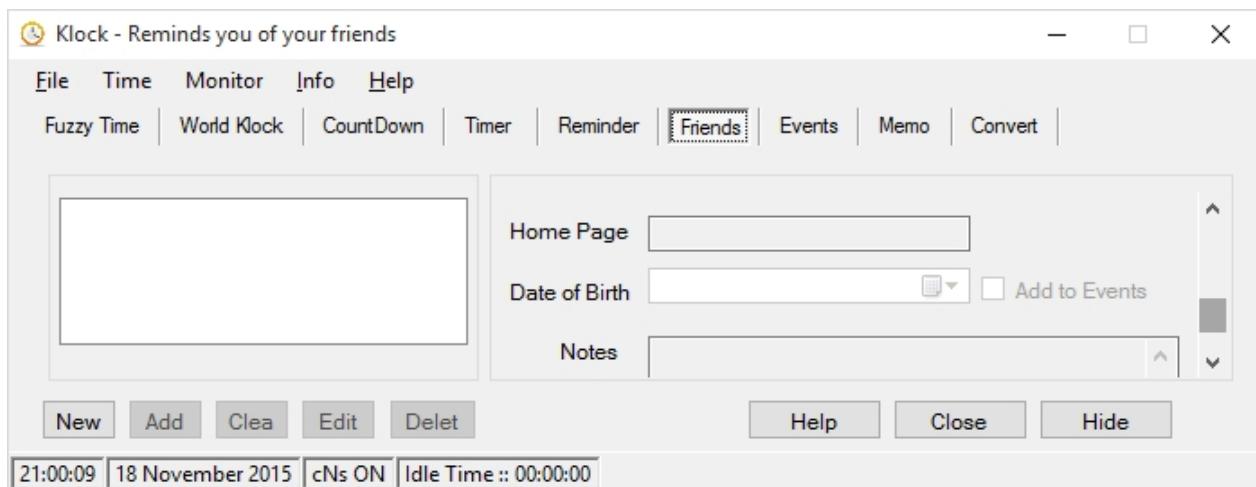


Implements a simple Contact [Friends] database thingy.

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.

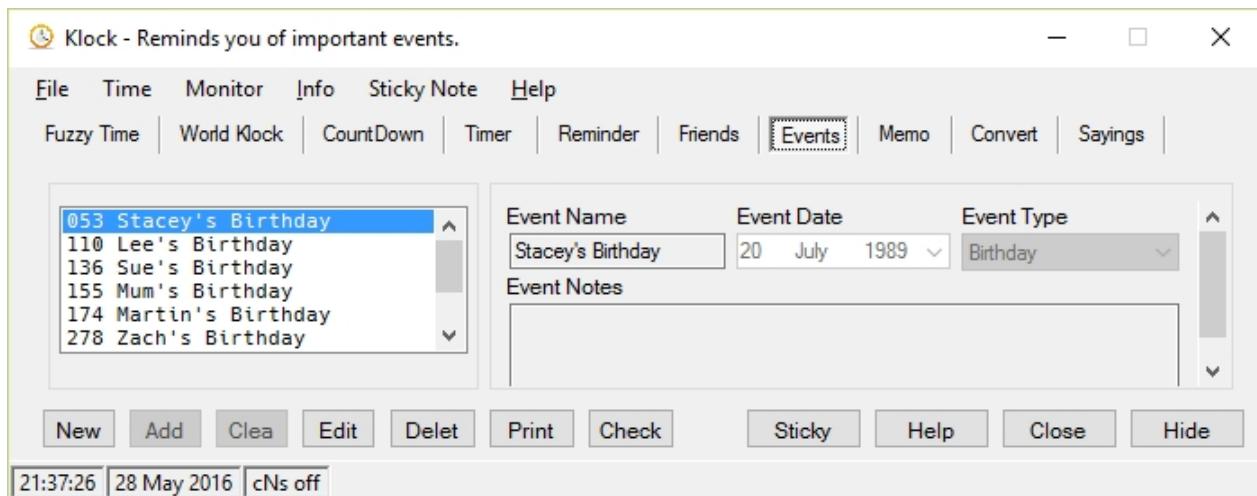


I Add to Events is checked and a Date of Birth is entered - the person birthday will be entered as event - see later.

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.

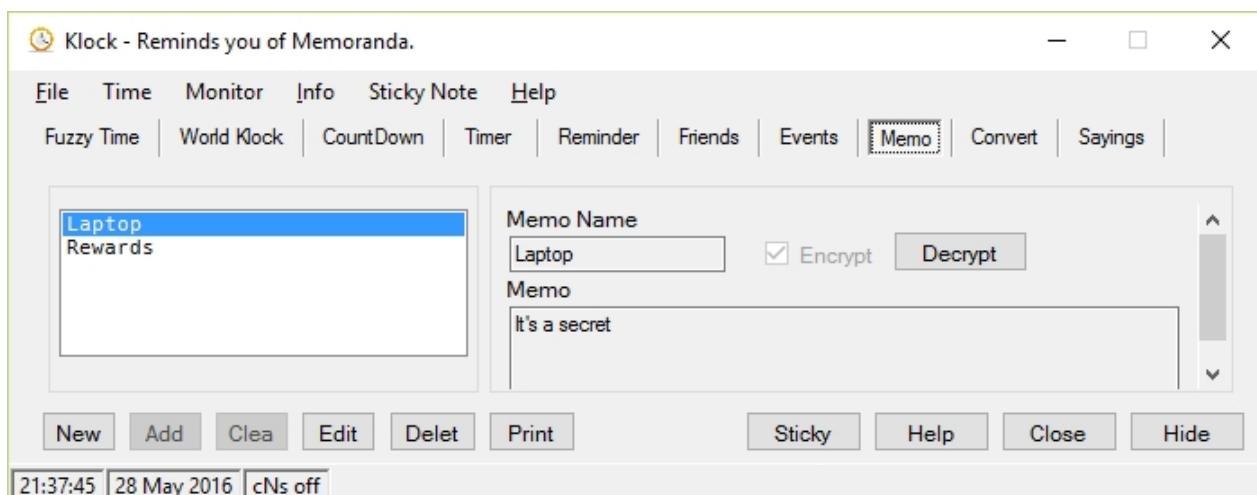
Events types can be - Birthday, [Wedding] Anniversary, Holiday, Motor, Appointment, Meeting, On Off Event and Other.

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.

Memo

Memo



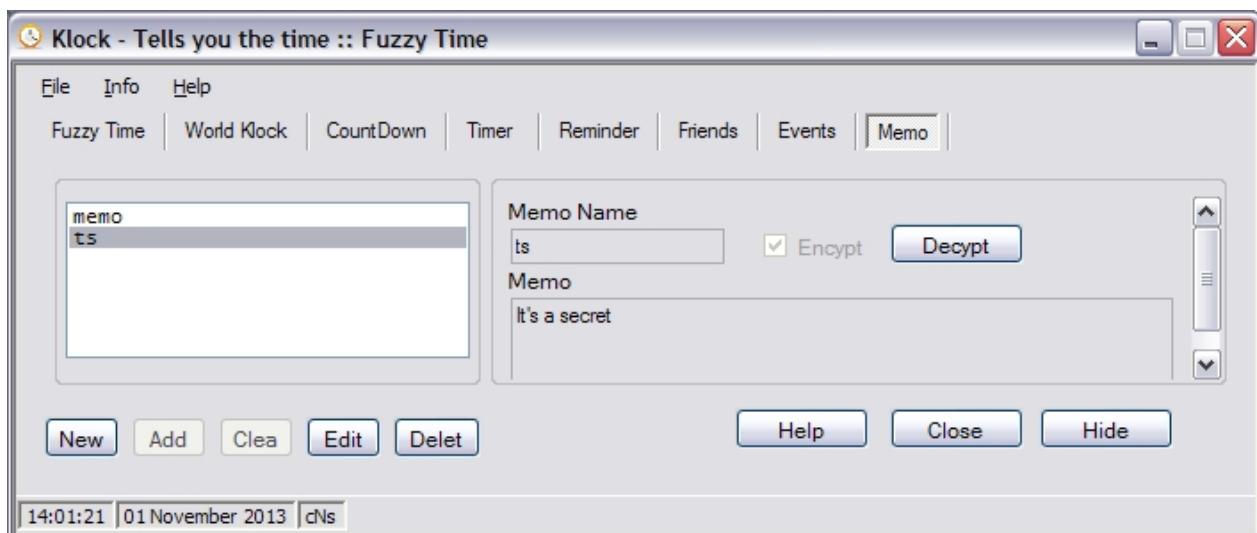
Implements a simple memo database thingy.

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 is not exactly secure, but will deter people over your shoulder.

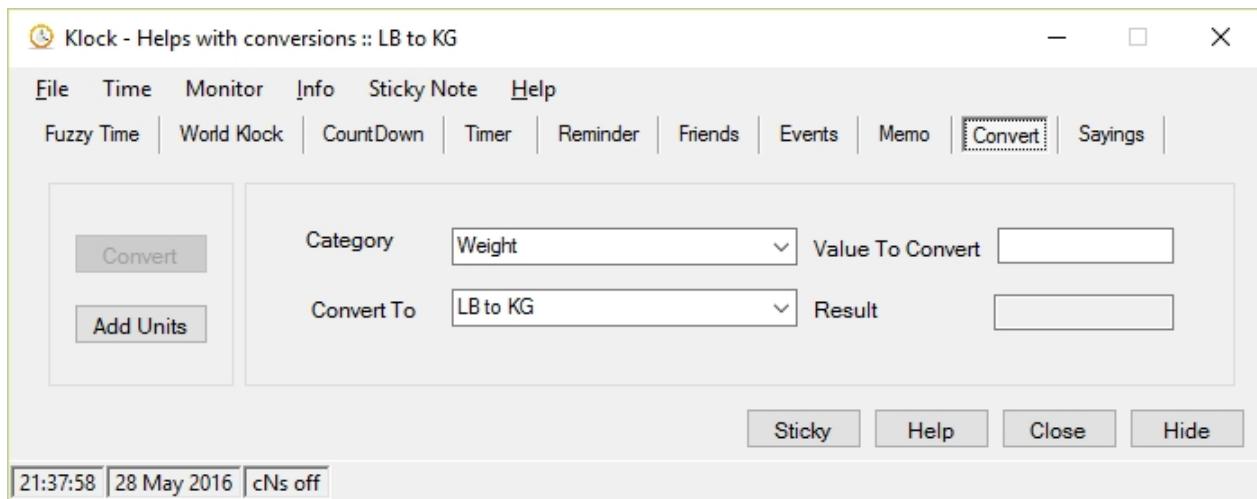


The Decrypt button is only available for a secret memo, it will temporarily display the memo in clear text. This is default to 30 seconds, but the time out interval can be changed in options.

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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.

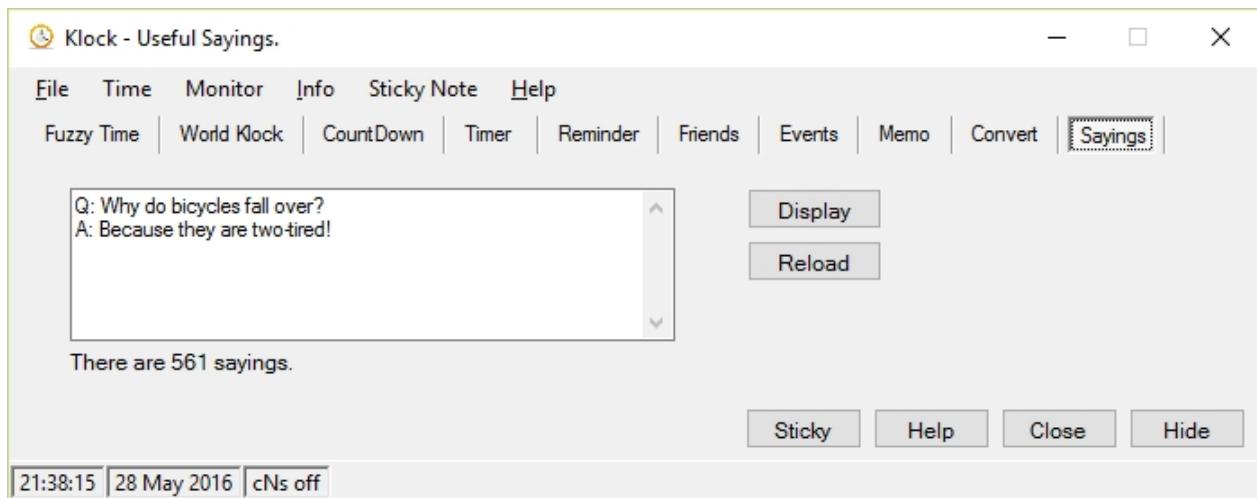
If the text file goes missing, a default one will be re-created on the next klock load. In fact a default one is created on the first run of klock.

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

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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.

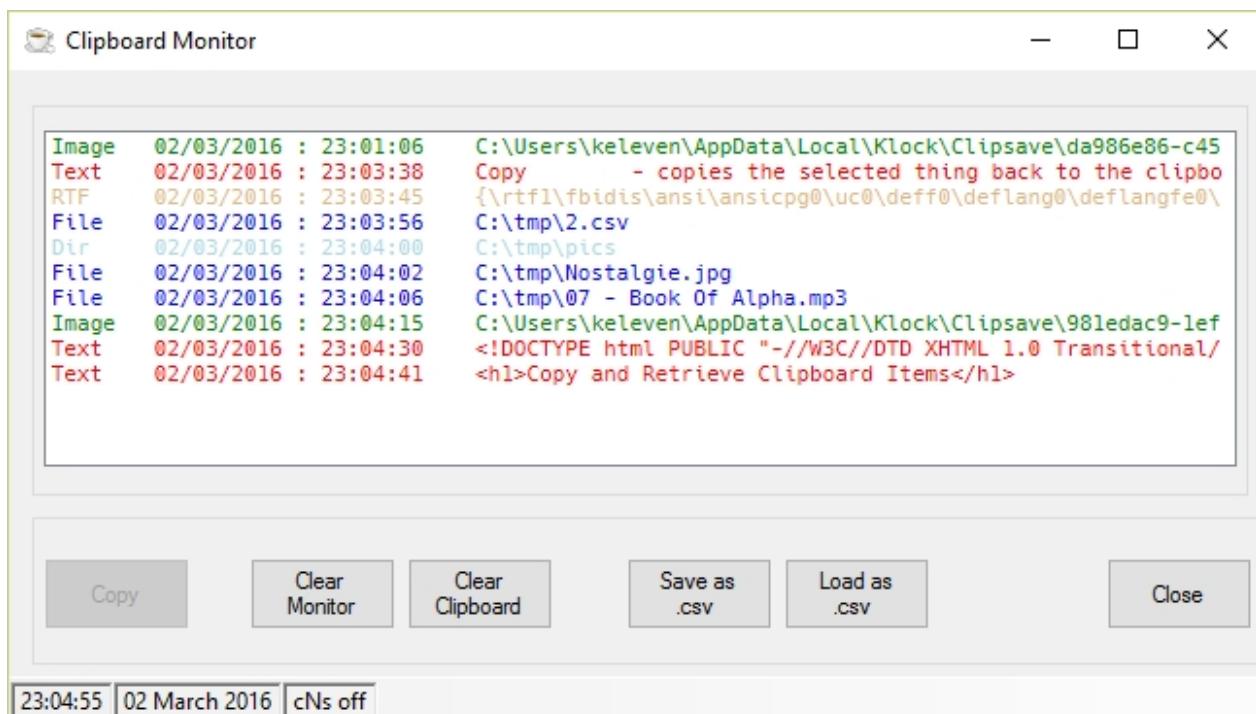
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Clipboard Monitor

Clipboard Monitor

Implements a simple Clipboard Monitor Thingy.

There is not a klock tab for the clipboard monitor, when enabled in options / other stuff, the below form will be displayed whenever anything is copied to the clipboard.



The Clipboard manager remembers all things copied to the clipboard, remembers the history of the clipboard.

The options are thus.

- Copy - copies the selected thing back to the clipboard.
- Copy - copies the selected thing back to the clipboard.
- Clear Clipboard - clears the system clipboard.
- Close - Closes the clipboard, but not stop the clipboard monitor.
- Save - Save the clipboard history to a file.
- Load - Loads the clipboard history from a file.

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

Selecting a row with the mouse copied the data to the clipboard - same as clicking copy.

The clipboard history can be either save as CSV or Binary format, this is selected in user options. If saved as CSV format the file can be edited [amended] easily. In CSV format multiple commas should be okay but line endings could cause a problems. In Binary mode, the file can not be easily edited so should be more secure. Also, in Binary mode multiple commas and line ending are handled better.

NOTE : there seems to be an issue with saving images to the clipboard, the clipboard does not know where the image came from i.e. no file location. This means there is a problem retrieving the image from the clipboard history. One solution is to make a temporary copy of the image for late retrieval. The temporary image is saved in a directory called **Klock\Clipsave** in the user applications directory within the users data area. Also the image is saved in the .png format at the moment, will change when I can determine a way on detecting the format of the original image :-)

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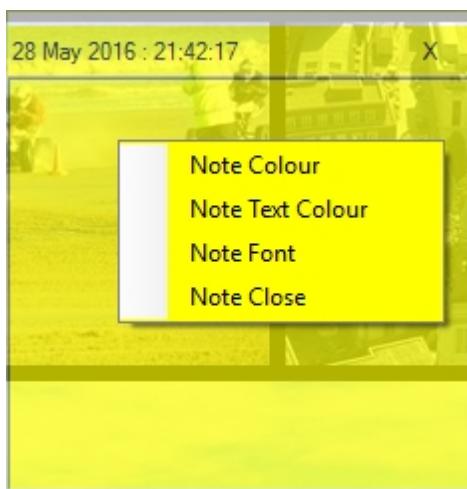
Sticky Notes

Sticky Notes

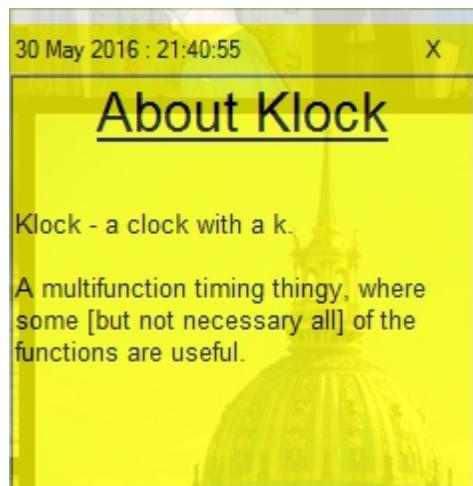
Implements a simple Sticky Notes Thingy.

The little yellow [colour can be changed] notes can be places all over the screen.
If they are still open when Klock is closed they will reappear when next Klock is opened.

The colour and font of the sticky note can be chosen globally from user options or on a note by note basis by right clicking on the note.



Sticky notes support drag and drop.

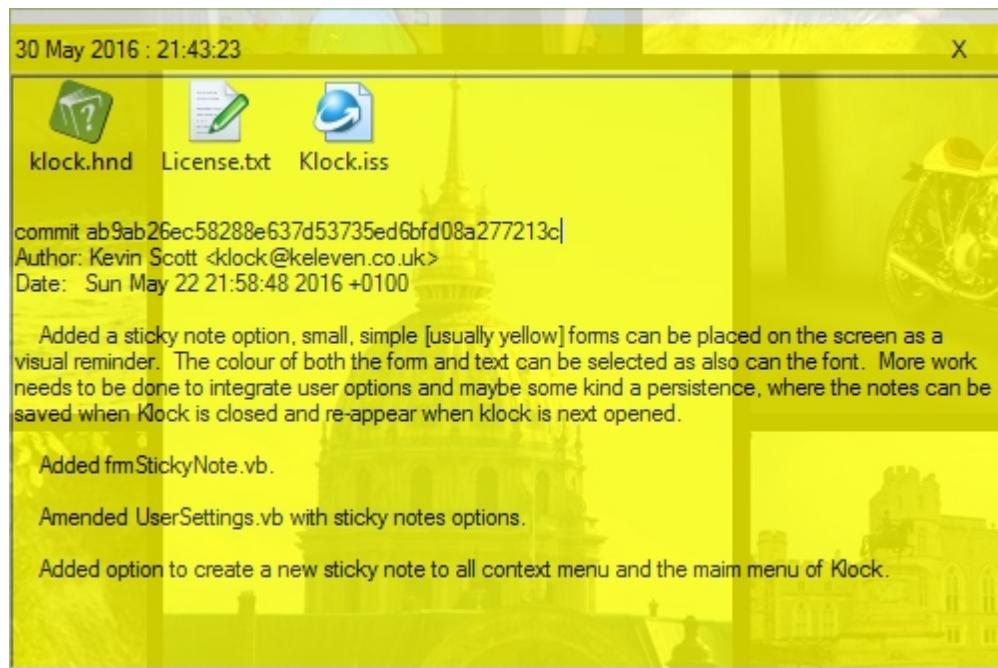


Text can be dropped on a stick note.



Files can be dropped on a stick note.

Note : large files [> 10 mb] can take some time to appear on the stick note.



A combination of both can be dropped on a stick note.

Note : the drop will appear where the cursor is flashing.

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Menu

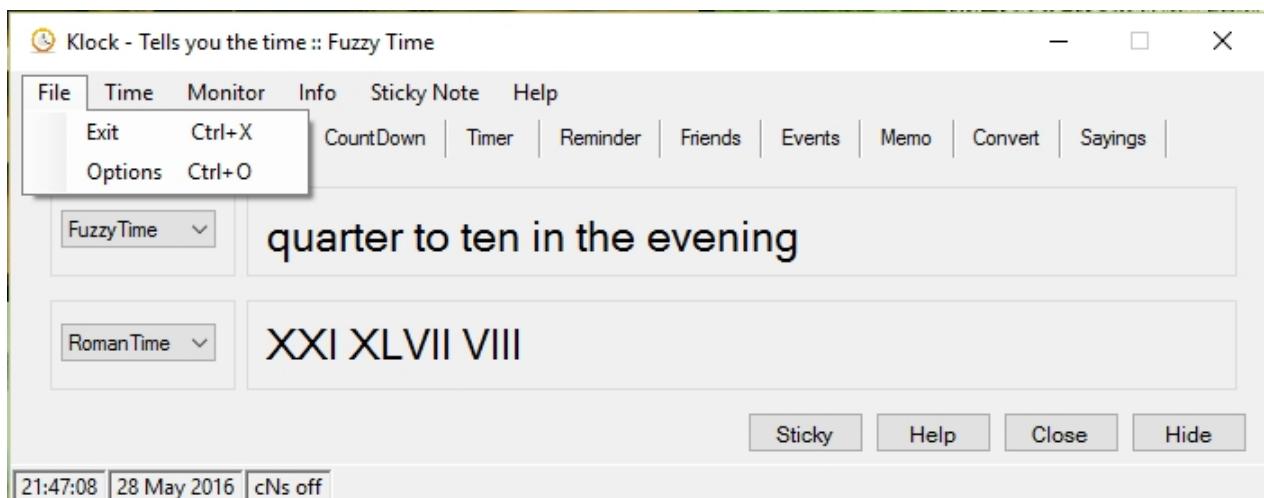
There are separate Menus for

- File
- Time
- Monitor
- Info
- Sticky Note
- Help

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File

File



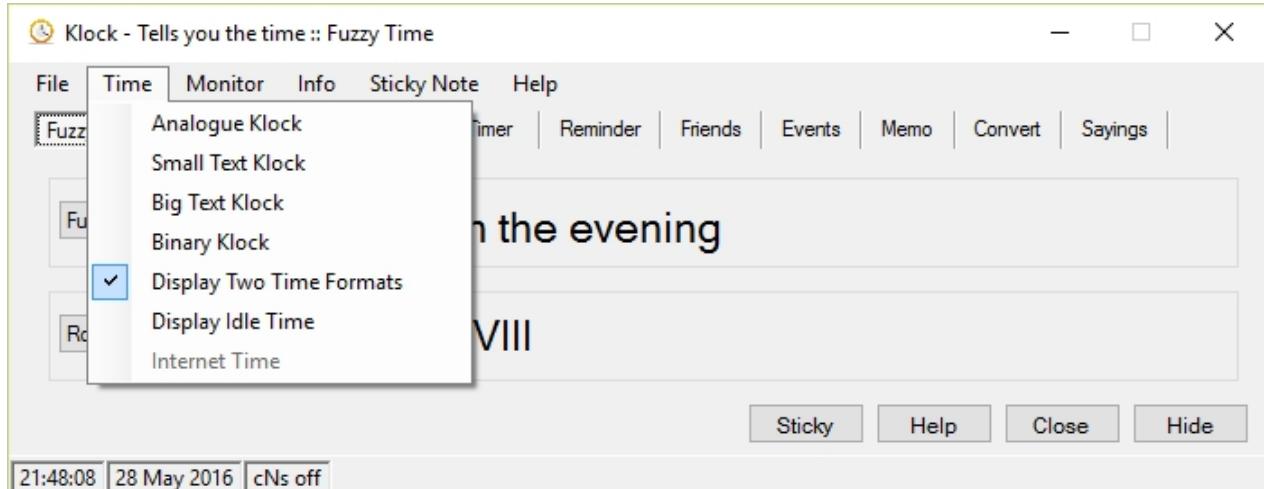
Allows selection of

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

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Time

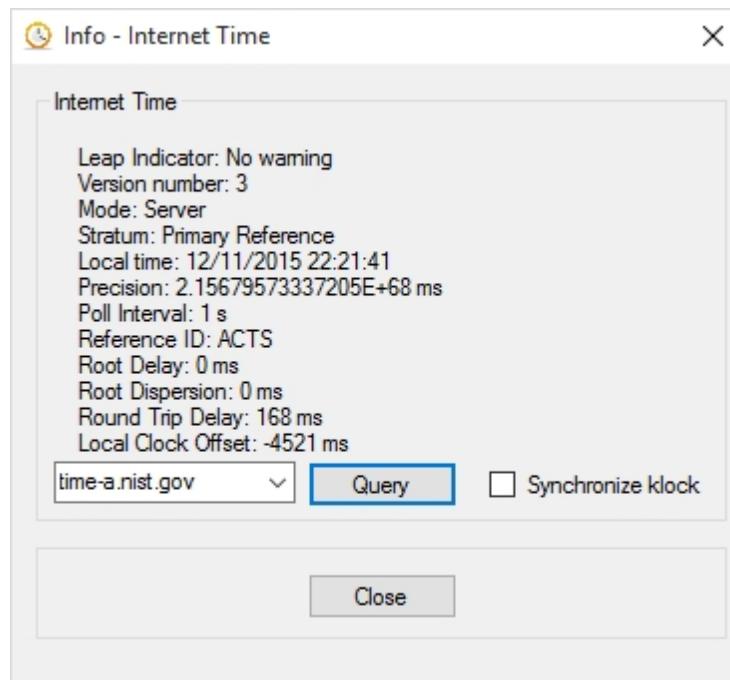
Time



Allows selection of

- Analogue Klock - display a Analogue Klock [Time & Date] in a separate window, the moving main Klock to the system tray..
- Small Text Klock - display a Text Klock [Time] in a separate window, moving the main Klock to the

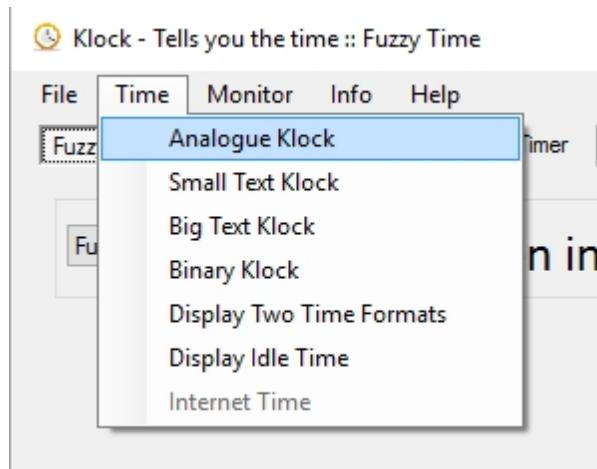
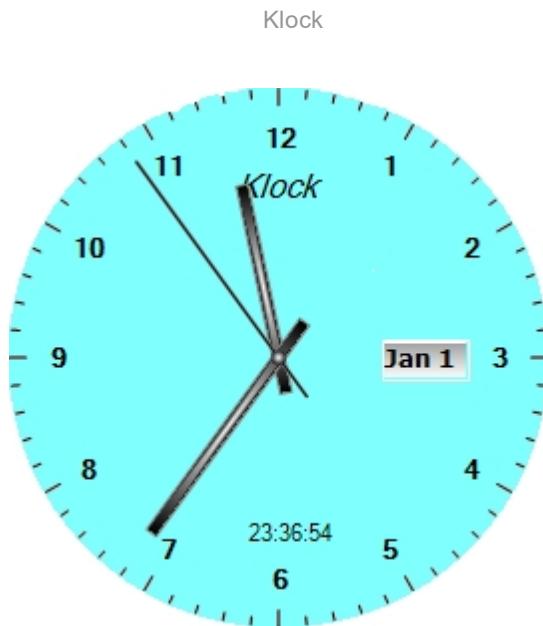
- system tray..
- Big Text Klock - display a Text Klock [Time & Date] in a separate window, moving the main Klock to the system tray..
 - Binary Klock - displays a Binary Klock in a separate window, moving the main Klock to the system tray.
 - Display Two Time Formats.
 - Display Idle Time - display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



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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 + F7.

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.

The lower text can either display the current time or computer idle time - see user options.

Both lower and upper text will turn blue when Preventing Monitor Going to Sleep is enabled.

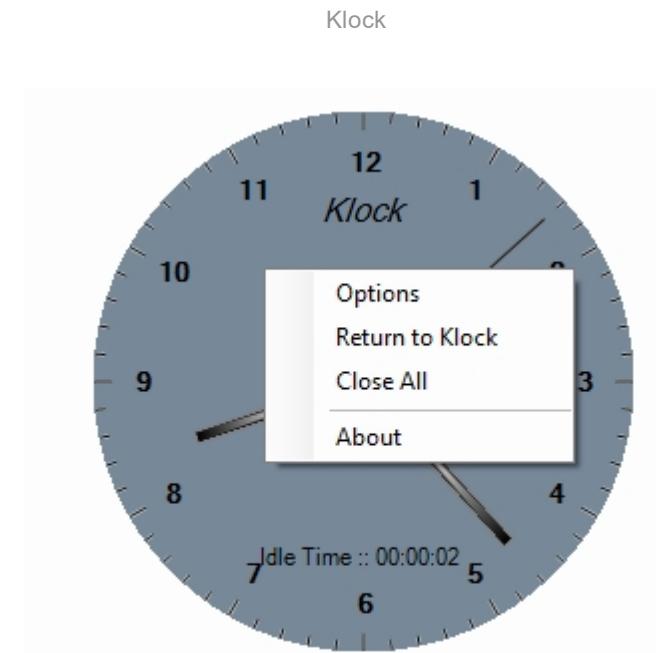
The size of the Analogue Klock can be increased by pressing the + key.

The size of the Analogue Klock can be decreased by pressing the - key.

The size of the Analogue Klock can not be decreased below a 100x100 minimum. has the size is decreased the size of the date is not altered and you may want to disable this feature - Work to be done.

The size of the Analogue Klock can not be increased above the size of the current monitor i.e. will not attempt to span across multiple monitors.

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

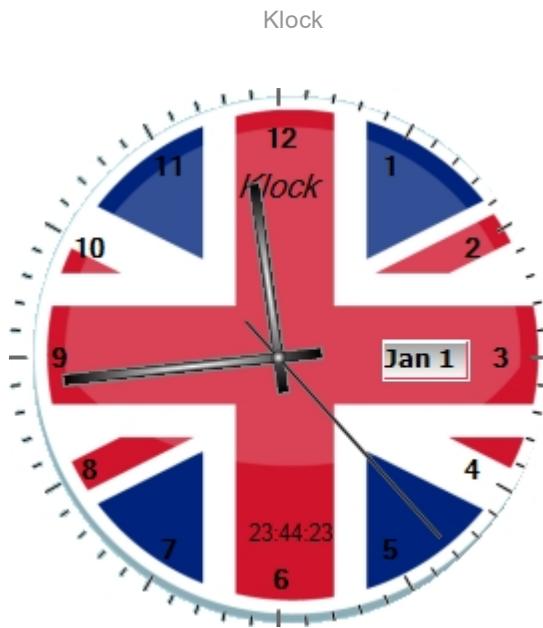


This will allow the option screen to be loaded, the Analogue Klock can be exited to the main klock, the application can be terminated or the about screen can be loaded..



If either the time, countdown or reminder are running, and the option is switched on in options, hovering the mouse pointer over the analogue klock will show an informative tool tip.

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.

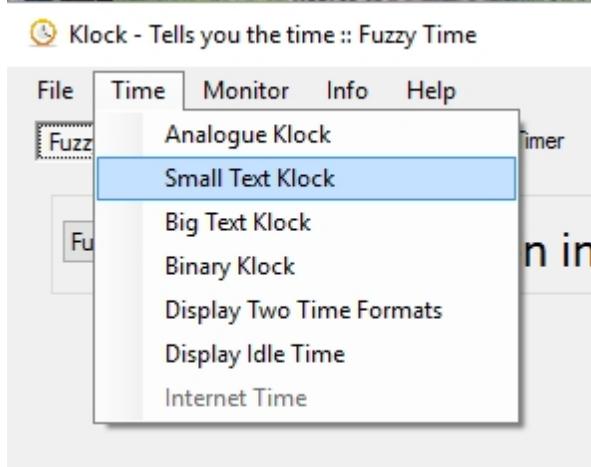


Note, If a background image is chosen, it is best to also select transparency. The fit is not that good - work to do.

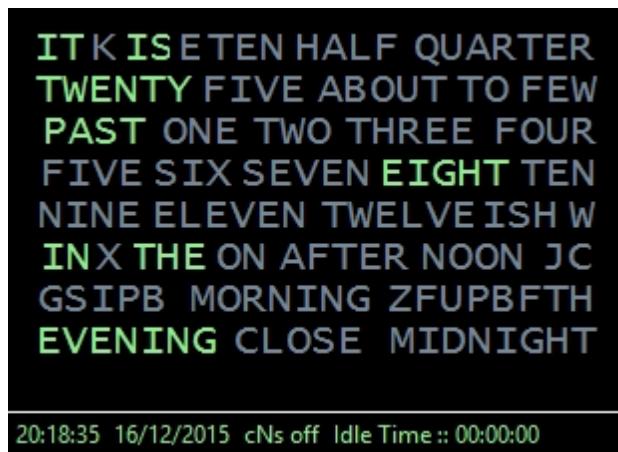
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Small Text Klock

Small Text Klock



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

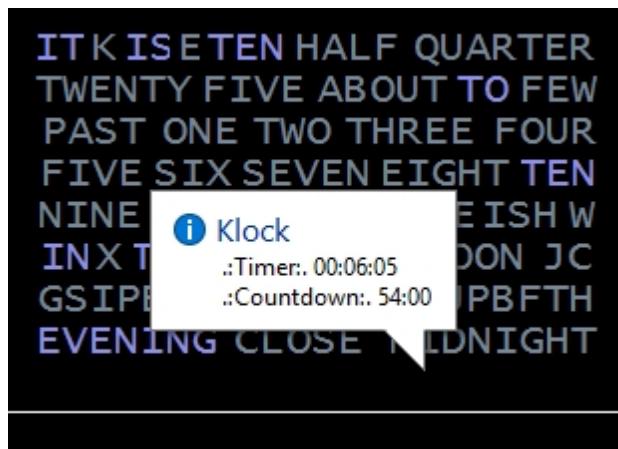
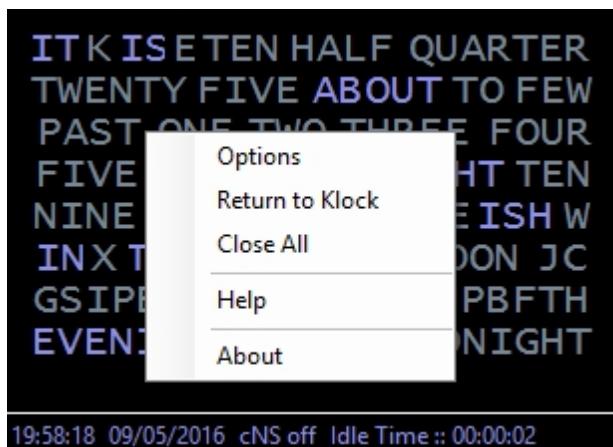


Small Text Klock can be also started by pressing Alt + F4 while Klock is running.
Small Text Klock can be closed, and Klock restored, by pressing close on the screen or by pressing Alt + F7

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

See Status Bar for details on the status bar information.

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



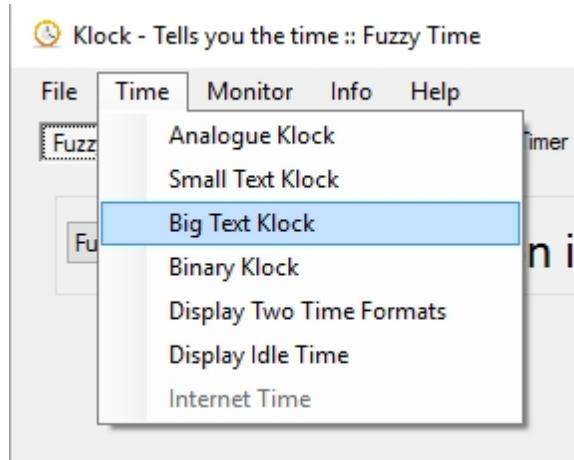
If either the time, countdown or reminder are running, and the option is switched on in options, hovering the

mouses pointer over the Small Text Klock will show an informative tool tip.

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Big Text Klock

Big Text Klock



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

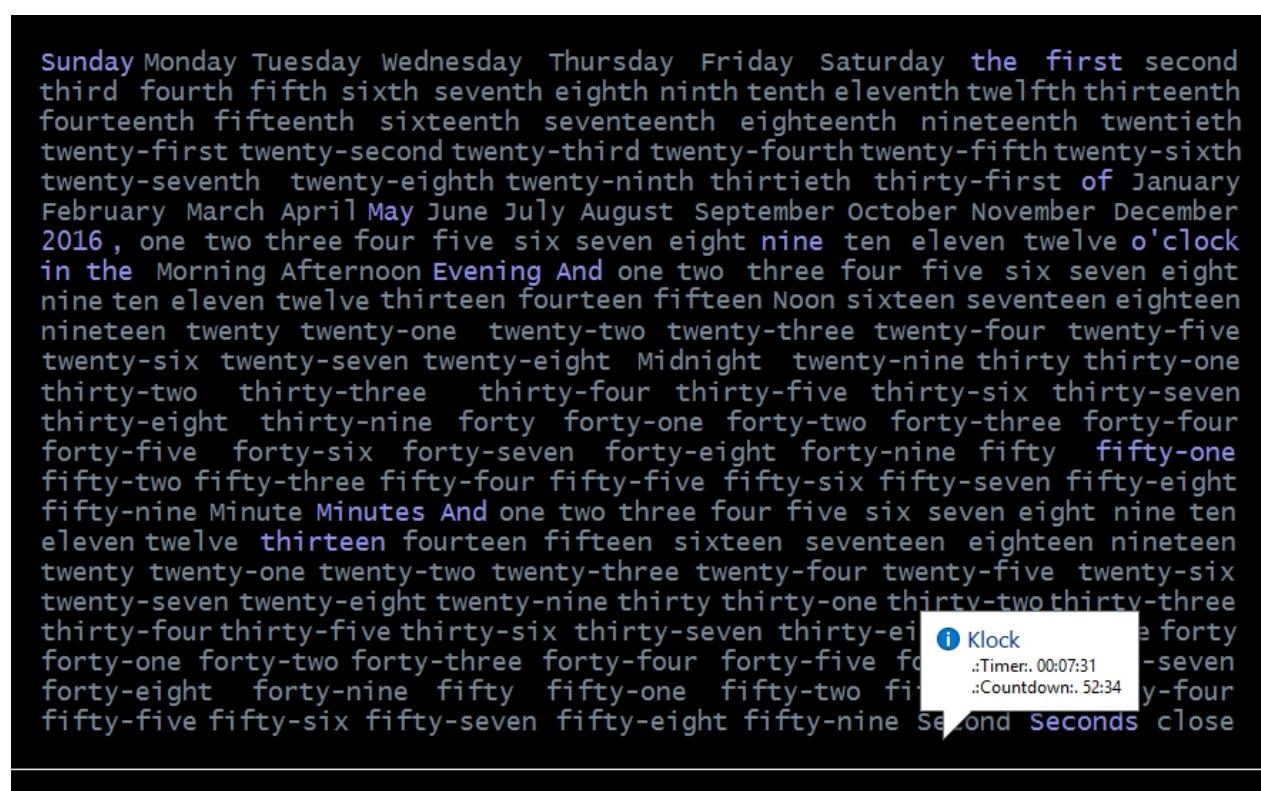
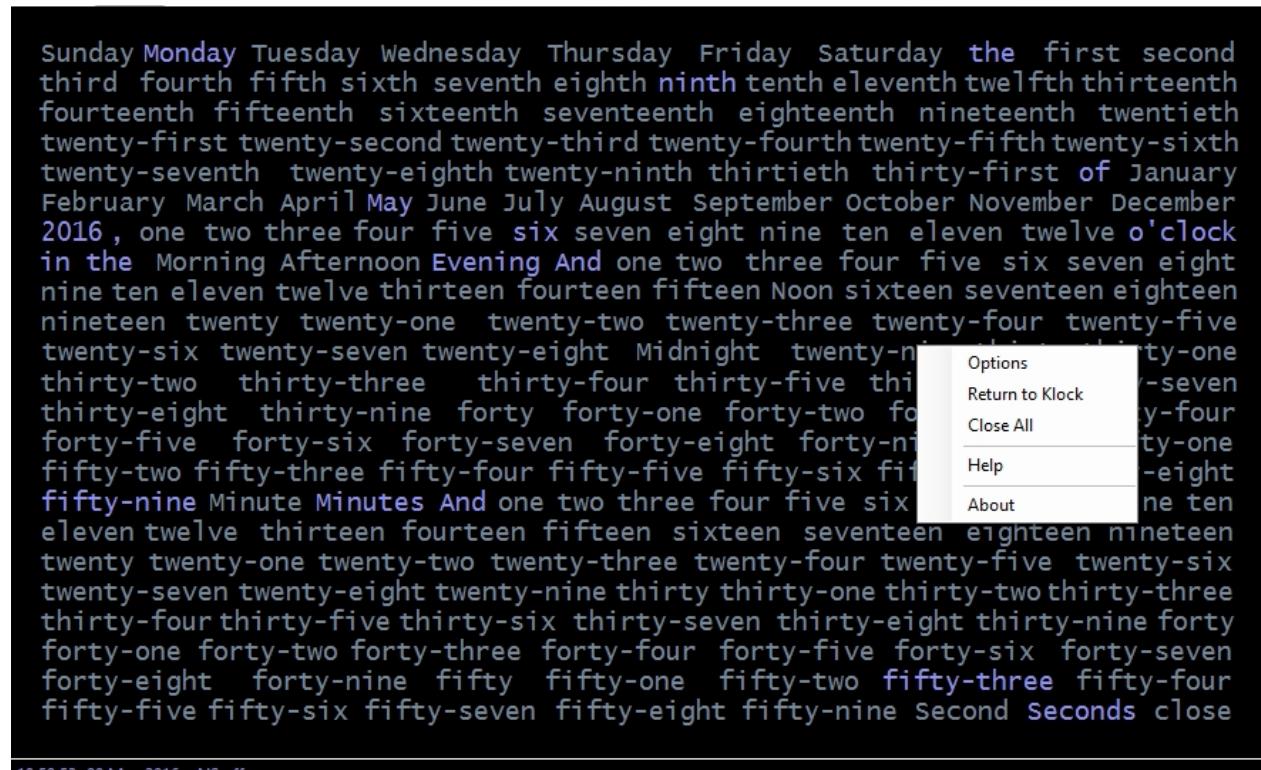
20:24:07 16 December 2015 cNs off Idle Time :: 00:00:00

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

Big Text Klock can be closed, and Klock restored, by pressing close on the screen or by pressing Alt + F7.

See Status Bar for details on the status bar information.

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

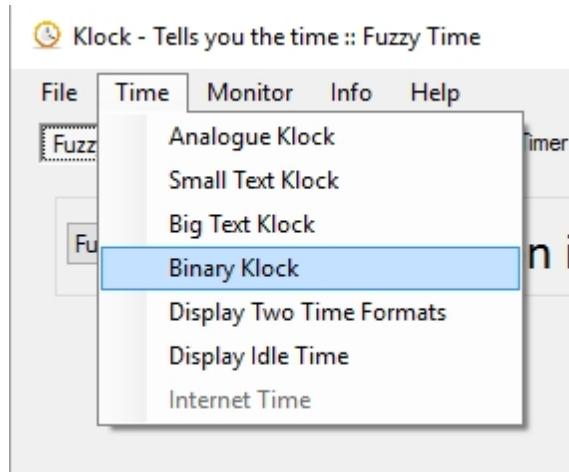


If either the time, countdown or reminder are ruined, and the option is switched on in options, hovering the mouse's pointer over the Big Big Klock will show an informative tool tip.

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Binary Klock

Big Text Klock



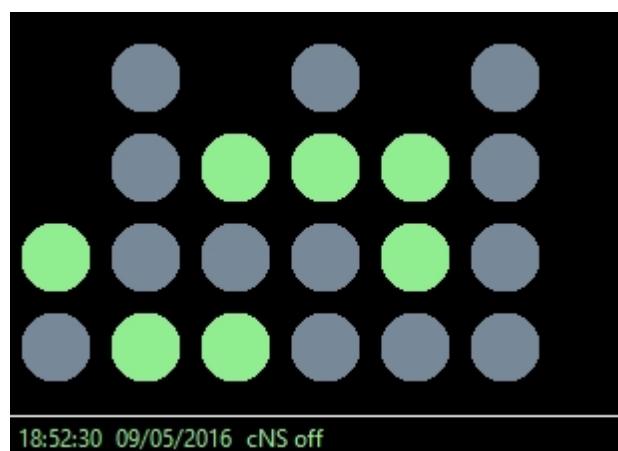
Selecting the Binary Klock option from the Time menu, display the above Binary Klock.

The Binary klock has two modes - BCD or True Binary. This is set in user options

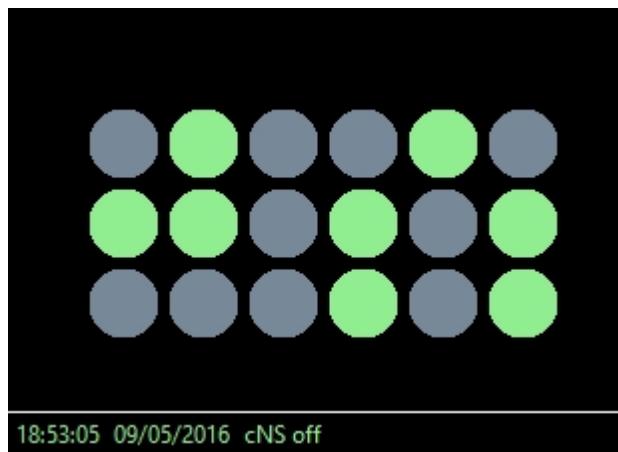
Binary Coded Decimal - takes each two digit number [hours, minutes & seconds] and codes them as two binary strings.

True Binary - takes each two digit number [hours, minutes & seconds] and codes them as a single binary string

BCD Klock



True Binary Klock

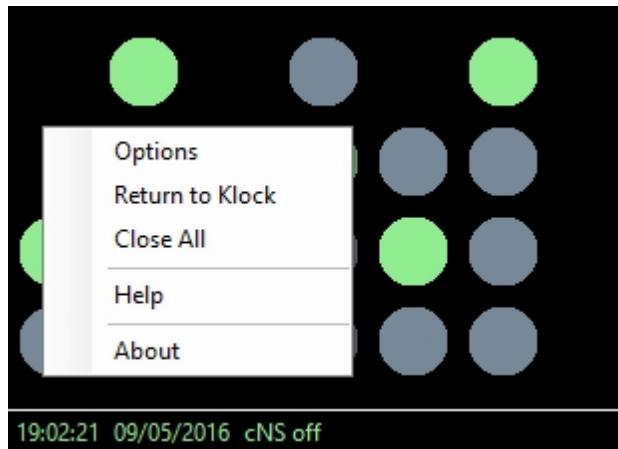


Binary Klock can be also started by pressing Alt + F6 while Klock is running.

Binary Klock can be closed, and Klock restored, by pressing close on the screen or by pressing Alt + F7.

See Status Bar for details on the status bar information.

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



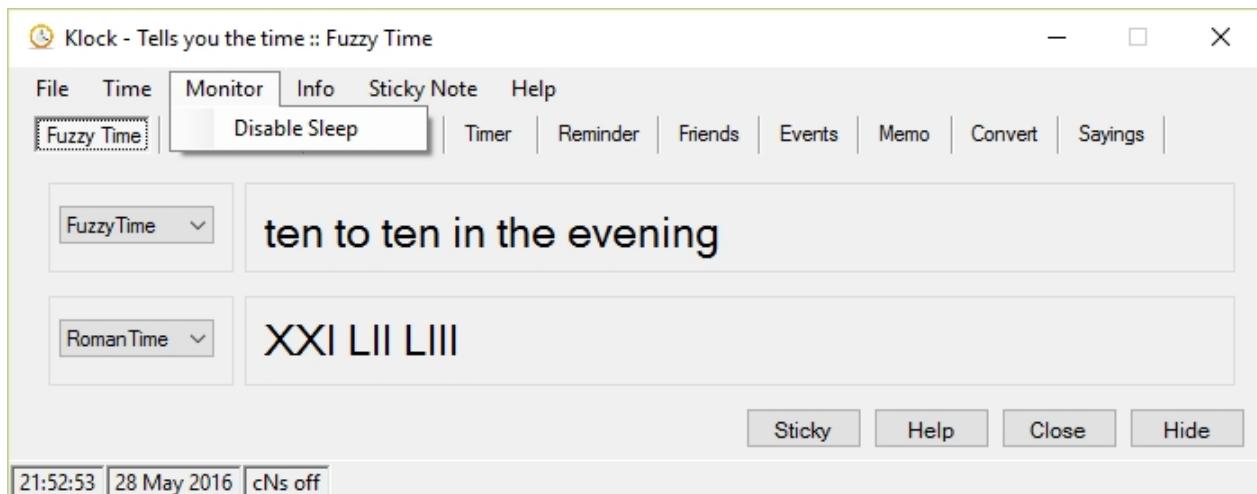
Binary Klock can be closed by double clicking on any of the background i.e. not the dots.



If either the time, countdown or reminder are running, and the option is switched on in options, hovering the mouse's pointer over the Small Big Klock will show an informative tool tip.

Monitor

Monitor



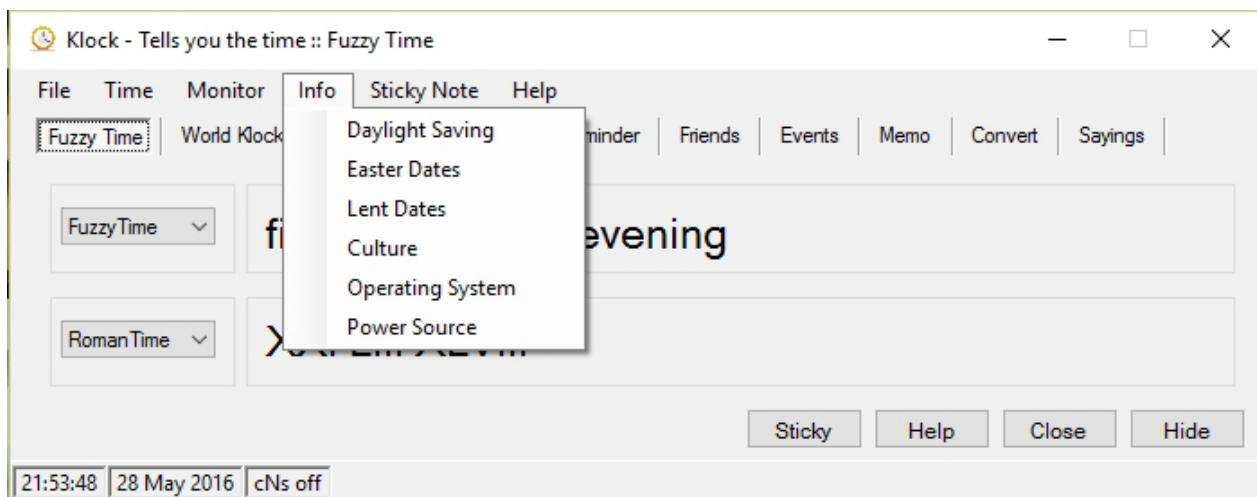
Allows selection of

- 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.

Info

Info

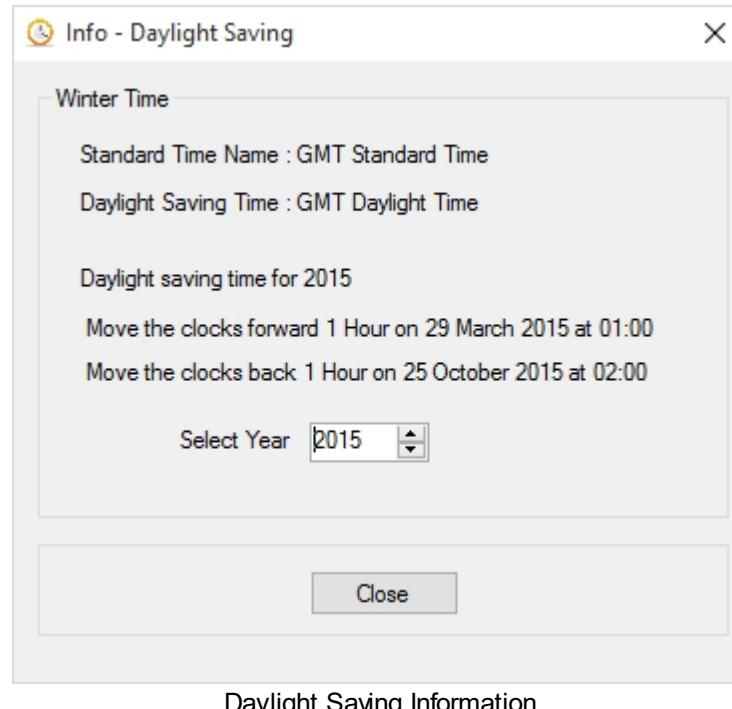


This allows the selection of

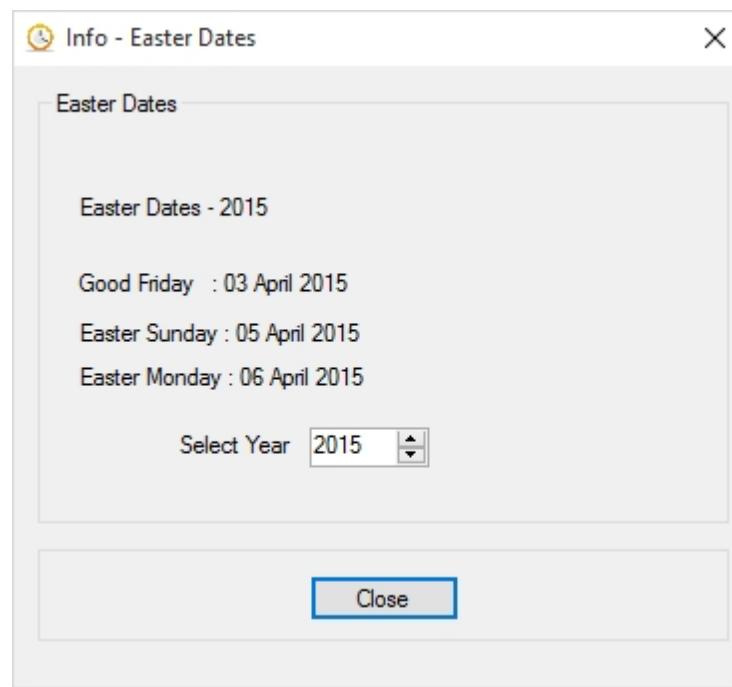
- Daylight Saving

- Easter Dates
- Lent Dates
- Culture
- Operating System
- Power Source

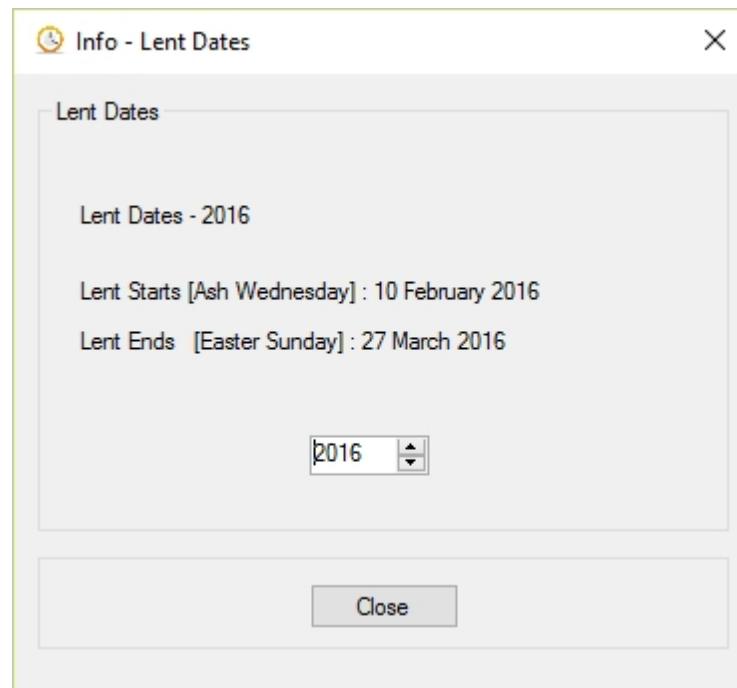
On Daylight Saving, Easter & Lent Dates the year can be changed. This allows the daylight saving, Easter and lent Dates to be displayed for any year.



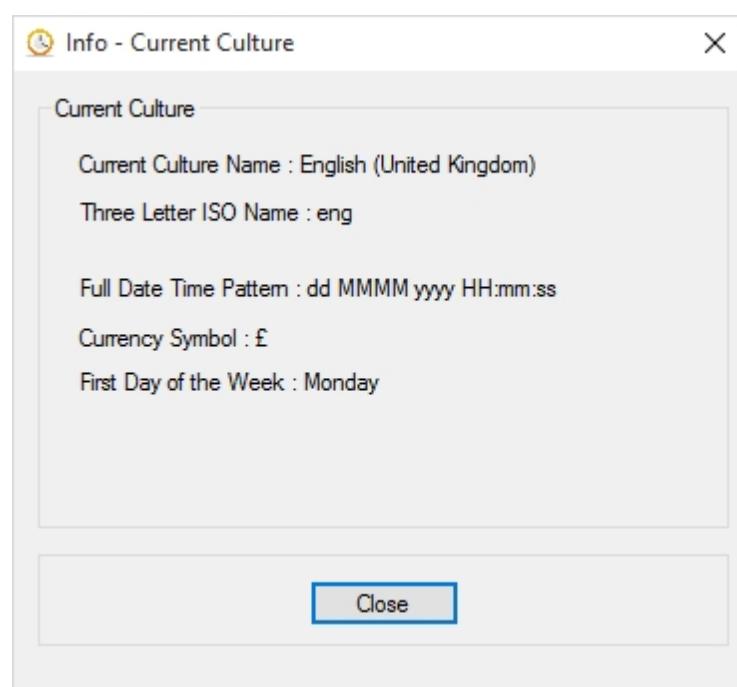
Daylight Saving Information



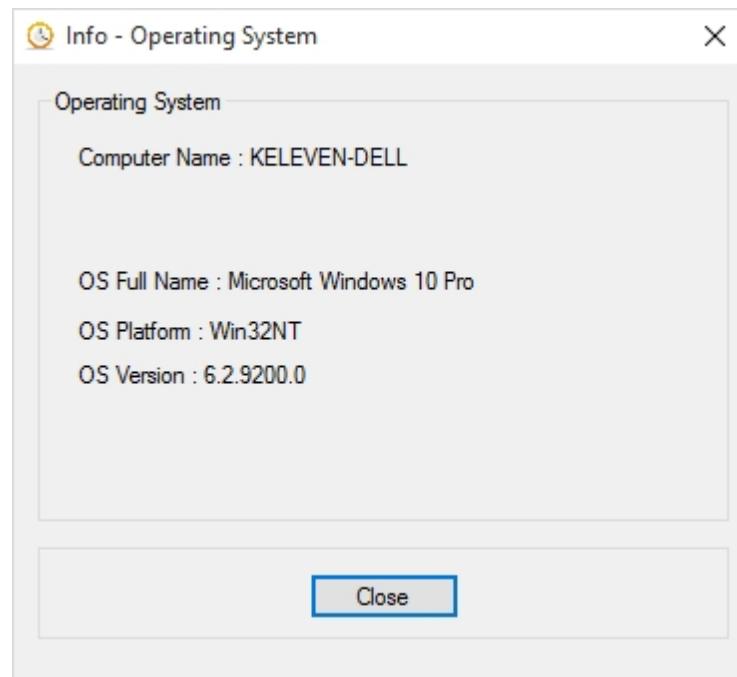
Easter Dates



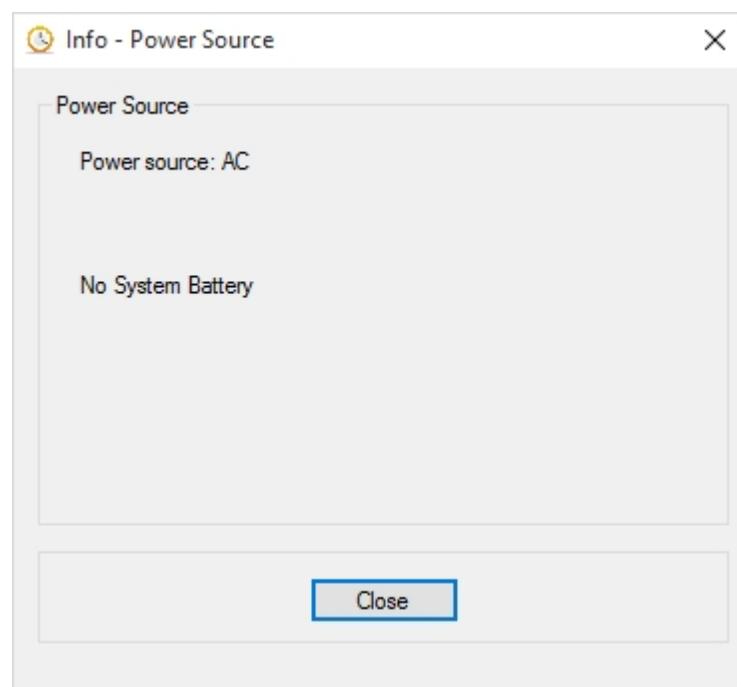
Lent Dates



Current Culture Information

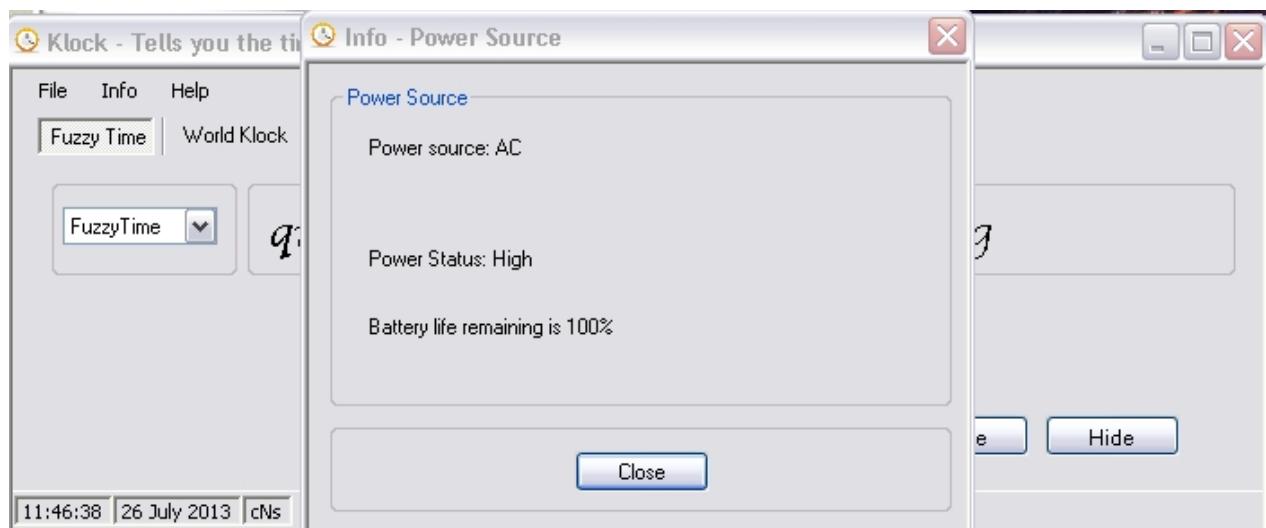


Operating System Information

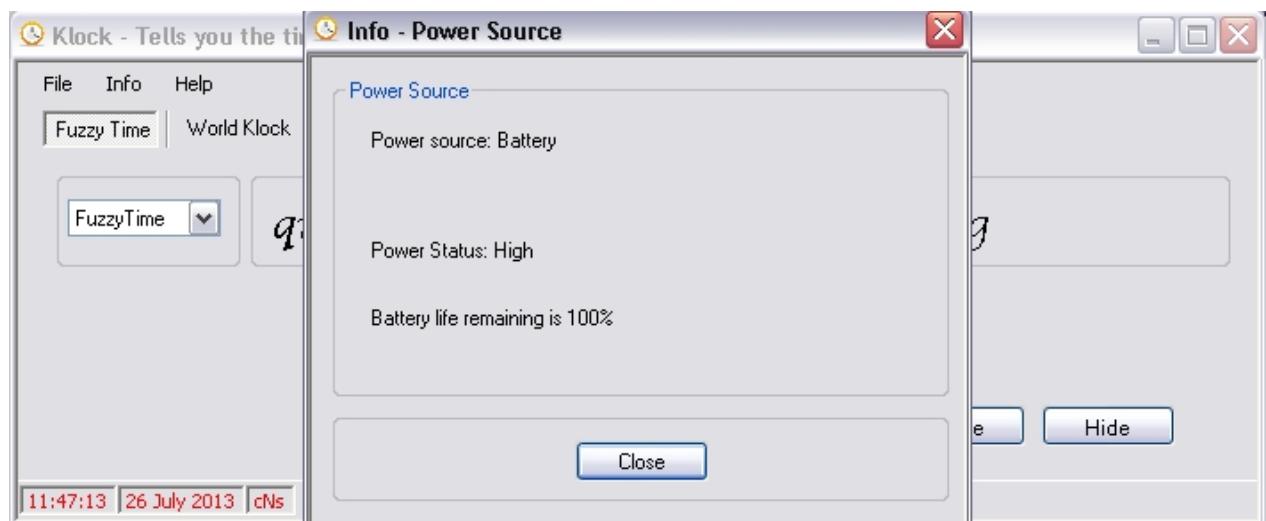


Power Source information [PC running on mains]

Klock



Power Source Information [laptop running on mains]



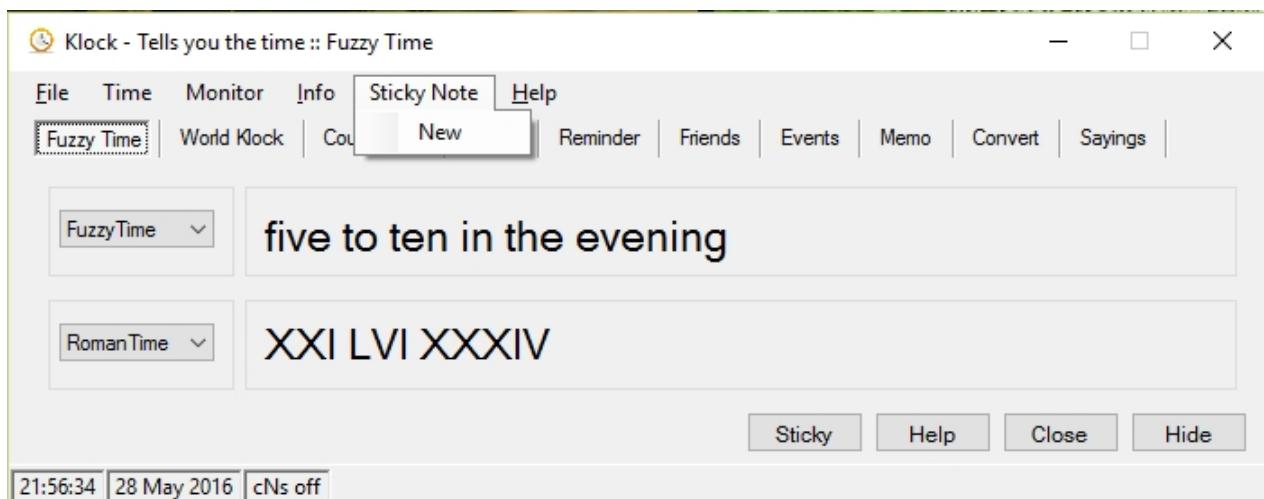
Power Source Information [laptop running on battery]

note : red colour of time & date on main form.

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Sticky Note

Sticky Note

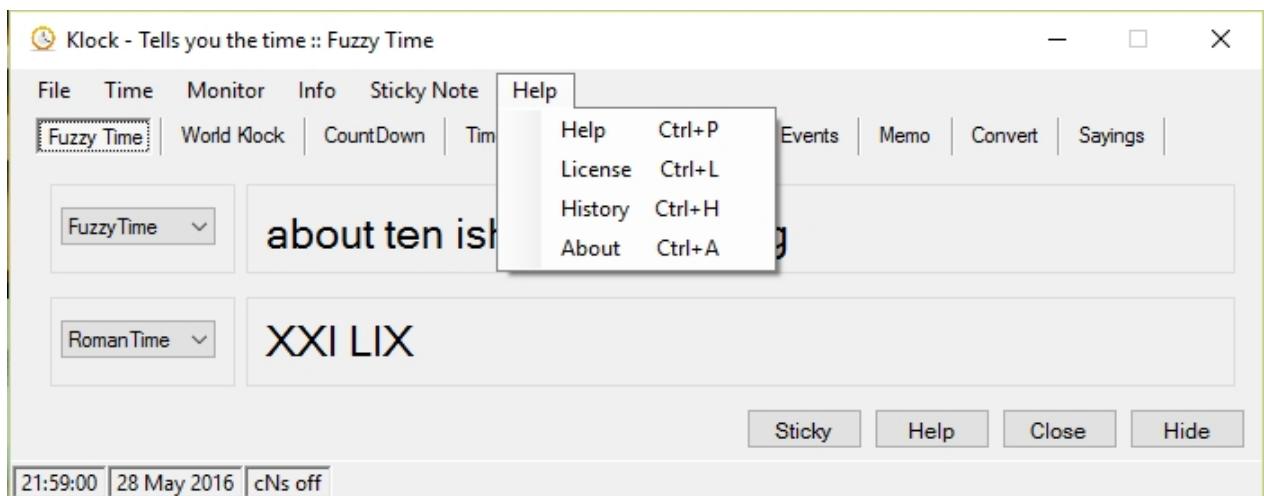


This opens a new Sticky Note.

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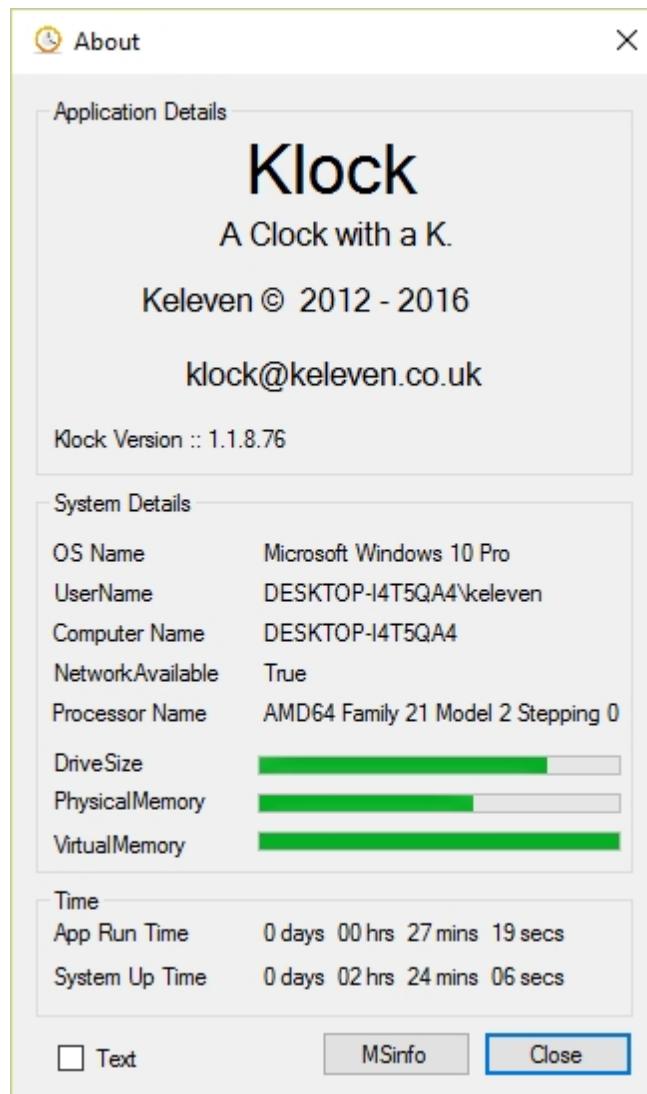
Help

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.

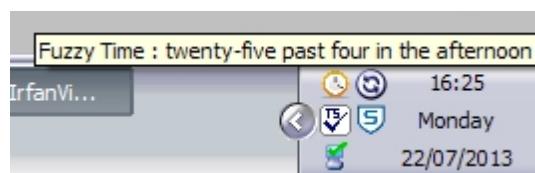


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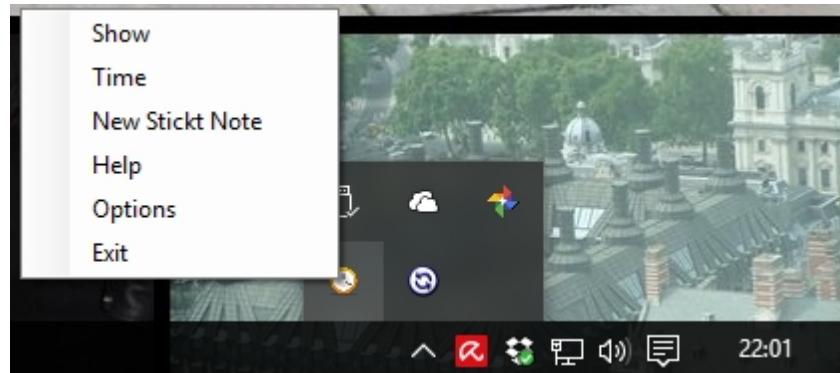
System Tray

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.

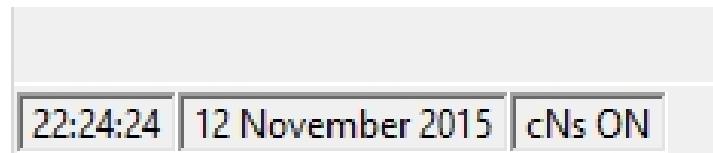
- Show - Restore Klock
- Time - Toggle the display of time.
- Sticky Note - New Sticky Note is created.
- Help - Display the help.
- Options - Display the options screen.
- Exit - Close Klock.

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].

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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.

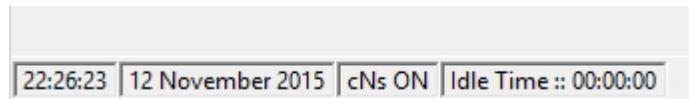
The ON represents connected to the internet. A OFF would indicate disconnected from the internet.

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

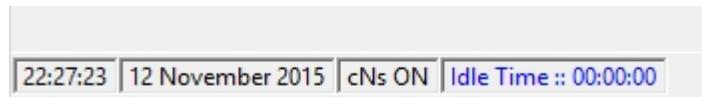


If the running PC [Laptop] is running on battery - the colour will turn to red.

If idles time is being displayed -



and if Monitor / Disable Sleep has been selected



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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
- Other Stuff
- Analogue Klock
- Text Klock [both small & big]
- Binary Klock
- Archive
- Events
- Memo
- Logging

The sayings options are in Notifications.

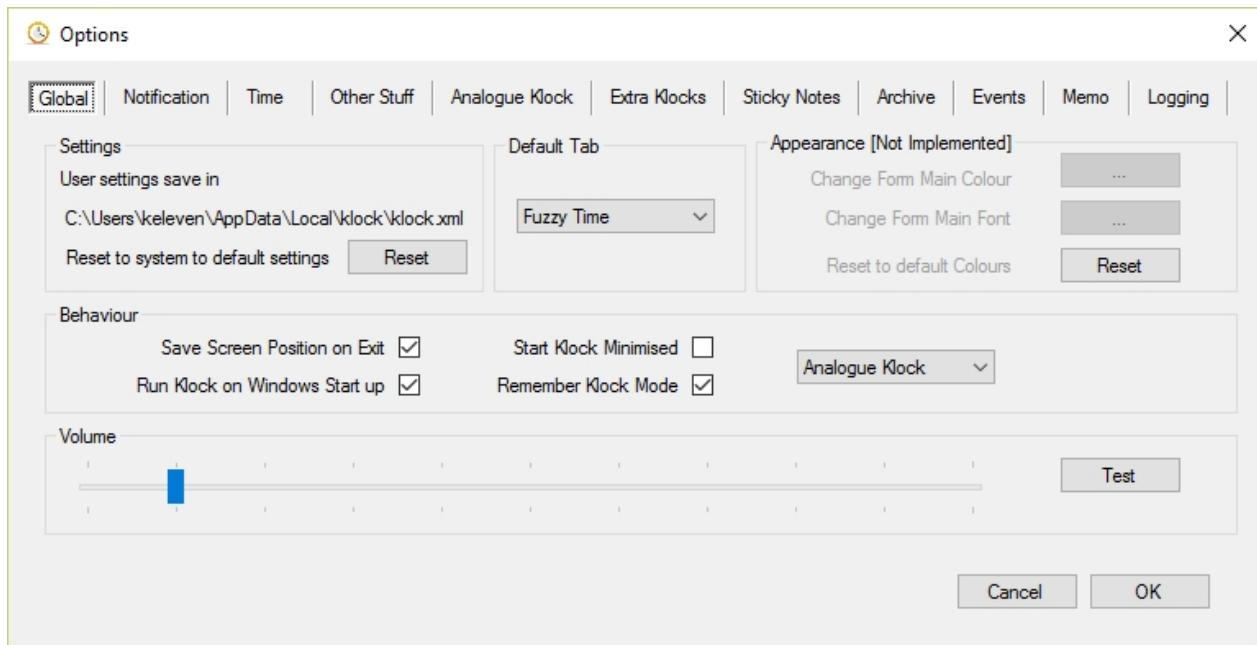
NB: If the option is checked to start on windows start up [in fact most user options], only operates for the current user.

If upgrading from a newer version of Klock the options are reset back to default. This may not be what is required and may need further work.

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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].

Will Start klock in the system tray.

Allows Klock to start in a determined mode. Current modes are Klock, Analogue Klock, Small text Klock or Big text Klock.

If klock is selected to start in the system tray i.e. minimised, this will override start mode selection.

Volume

The volume of the sound klock makes.

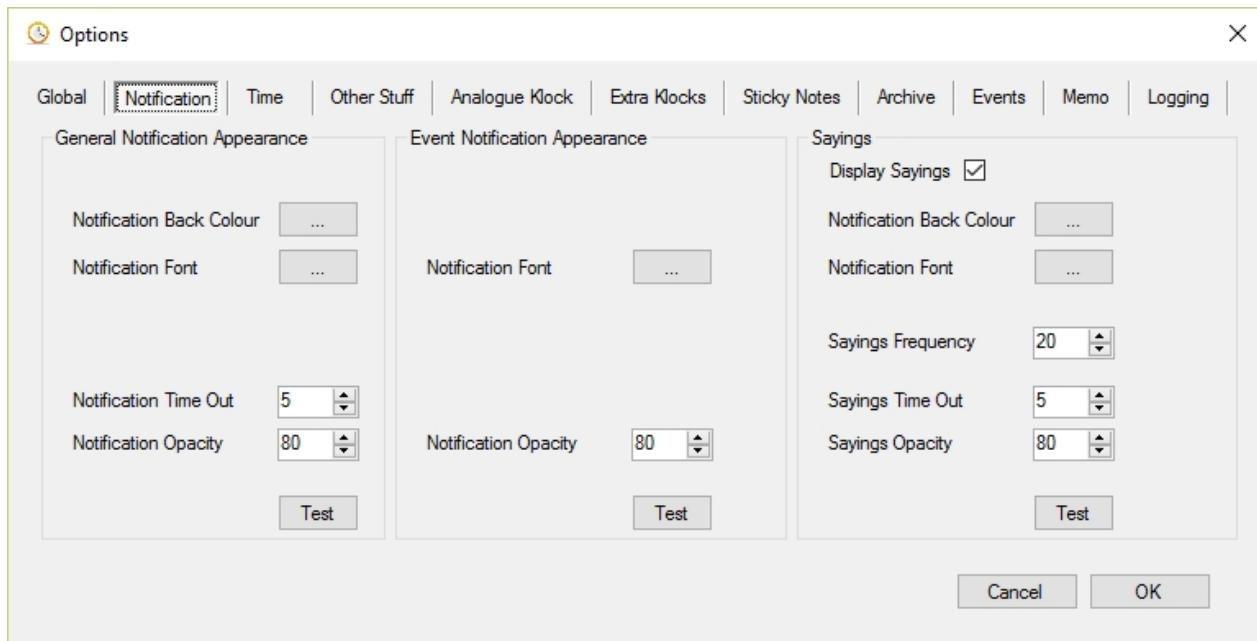
Pressing OK will save the new settings.

Pressing cancel will not save any changes.

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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

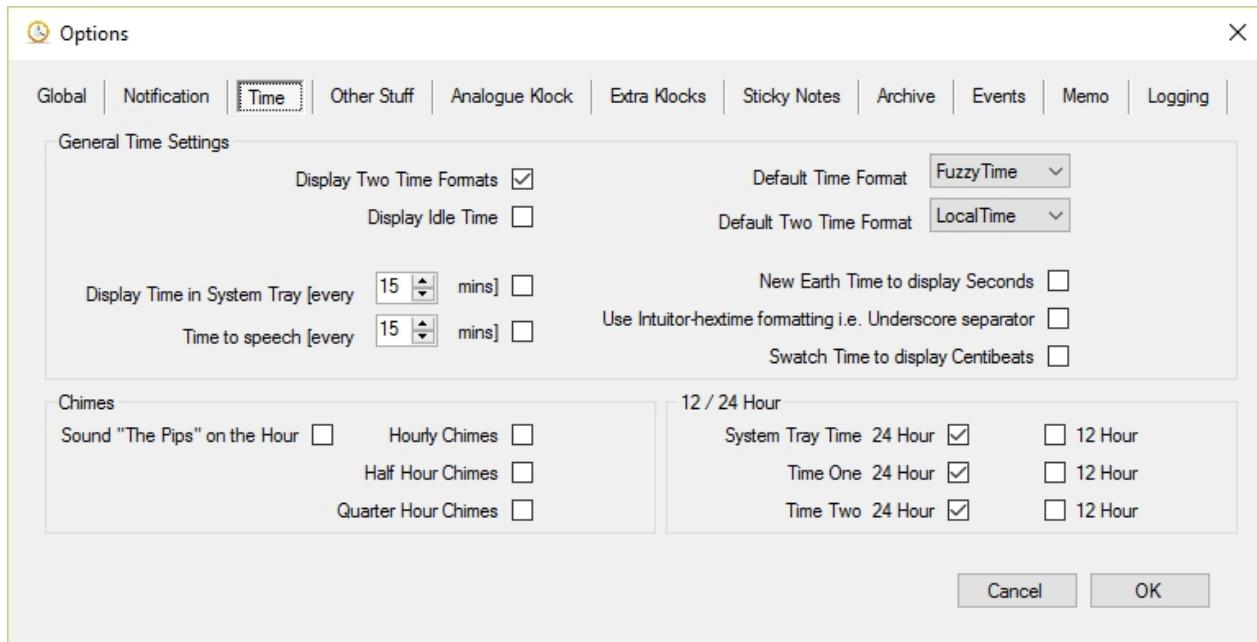
As above, but for the notification that appears for an Saying.

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.

Intuitor-hextime [TrihexTime] 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.

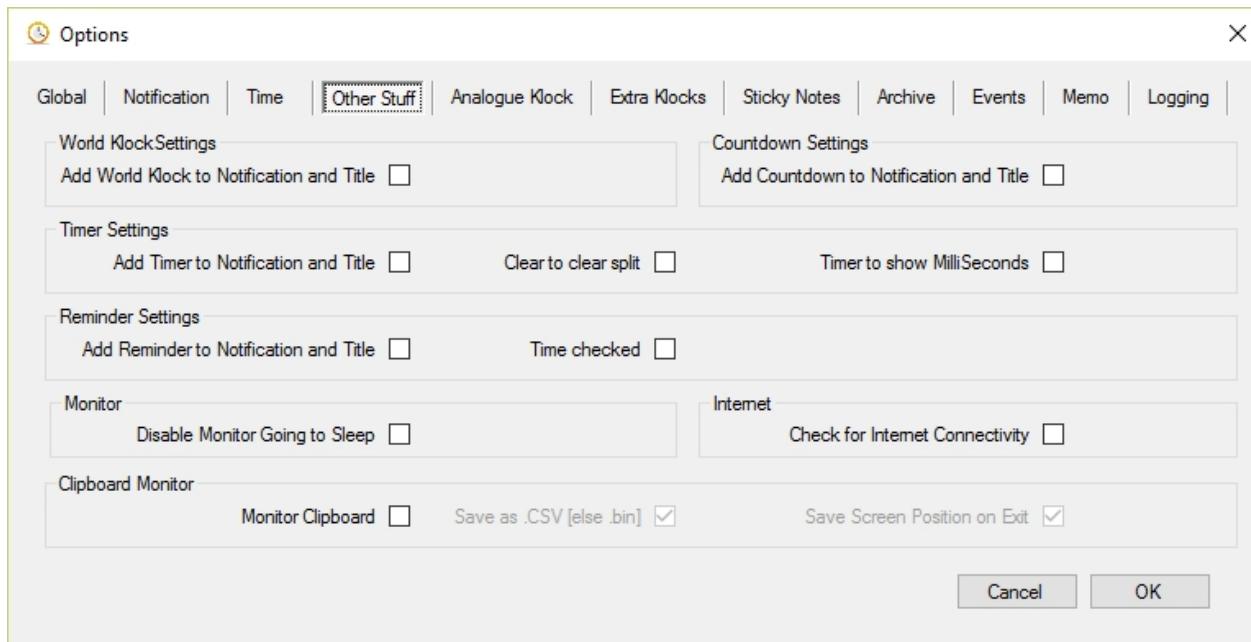
NB :: does not affect some of the time formats i.e. Hex time.

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

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Other Stuff

Other Stuff



The Other stuff options are as follows.

World Klock Settings.

Display running information as a notification, tooltip and title.

Countdown Settings.

Display running information as a notification, tooltip and title.

Timer Settings.

Display running information as a notification, tooltip and title.

The clear button will also clear the split time.

Time will show milliseconds.

Reminder Settings.

Display running information as a notification, tooltip 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 clipboard history can be saved either in CSV or Binary format. If checked the format is CSV, if unchecked the format is Binary.

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].

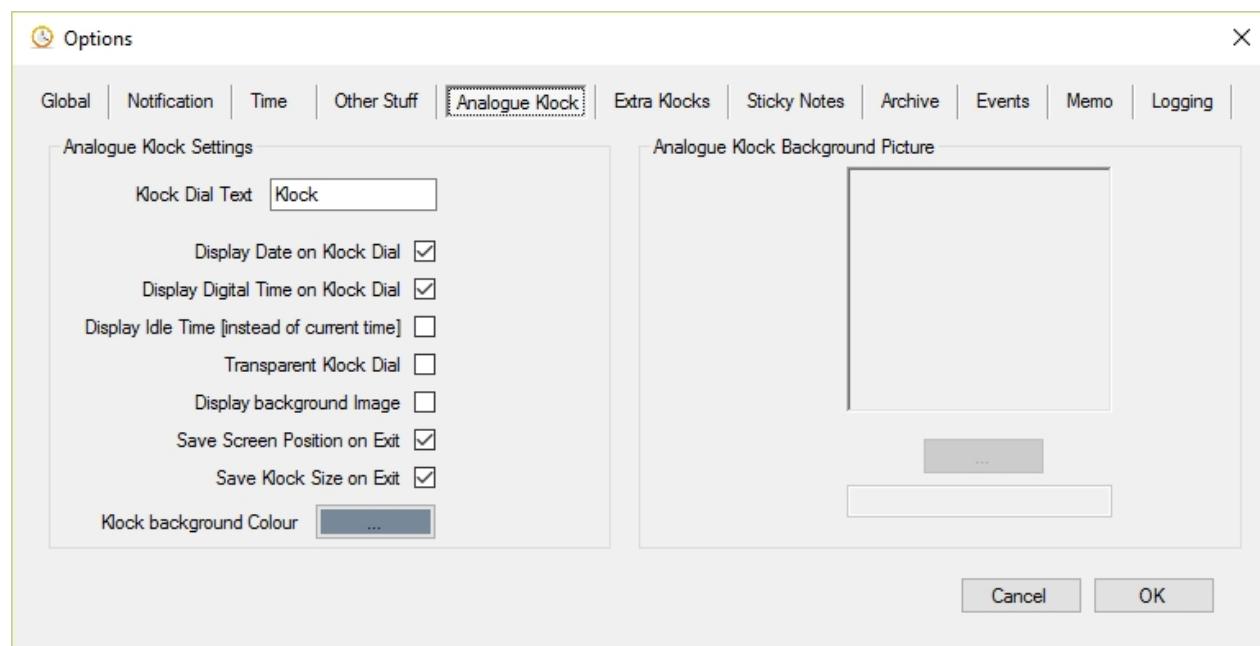
Pressing OK will save the new settings.

Pressing cancel will not save any changes.

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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 and if the size and position of the analogue klock is remembered..

The display idle time is taken from the main klock options, but can be overridden for the analogue klock.

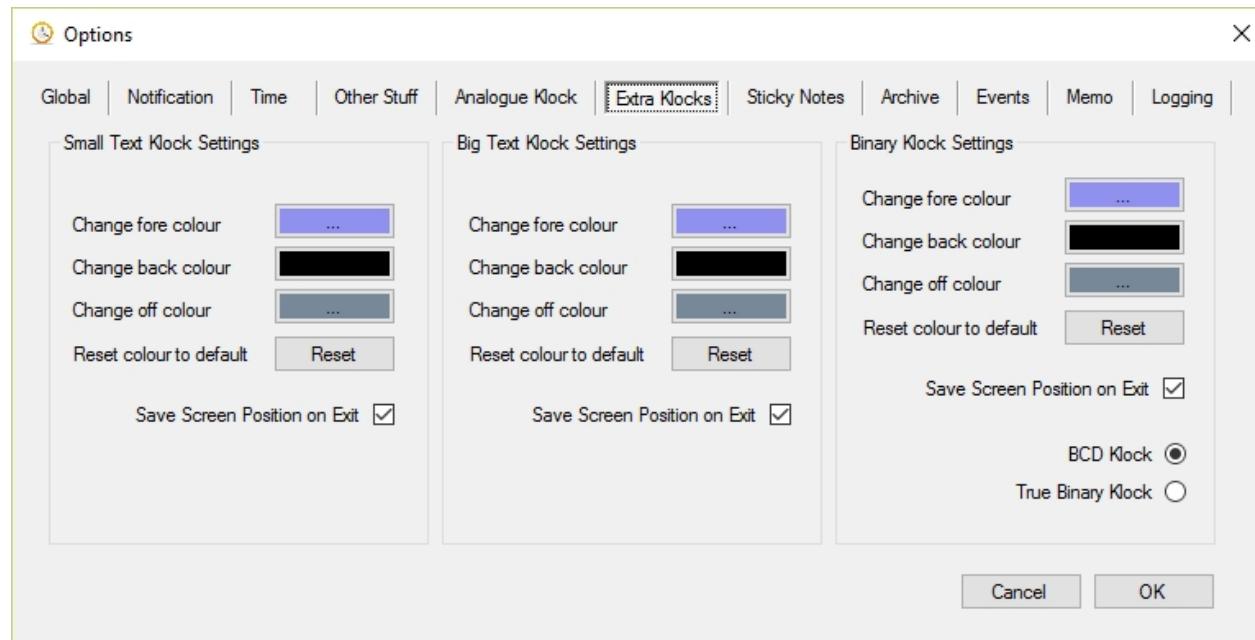
If Display background Image is checked , then the option of the right hand side become available. These option allow a image to be chosen. Several images are included in the image folder within the application start folder, but any image could be used.

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

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Extra Klock

Text Klock



The Text Klock options are as follows.

The various colours can be set for both Small Text Klock, Big Text Klock and Binary Klocks 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 all klocks.

Allows both Small Text Klock, Big Text Klock and Binary Klock to remember screen positions on exit.

The binary klock has two modes - BCD or true Binary.

BinaryCoded Decimal - takes each two digit number [hours, minutes & seconds] and codes them as two binary strings.

True Binary - takes each two digit number [hours, minutes & seconds] and codes them as a single binary string

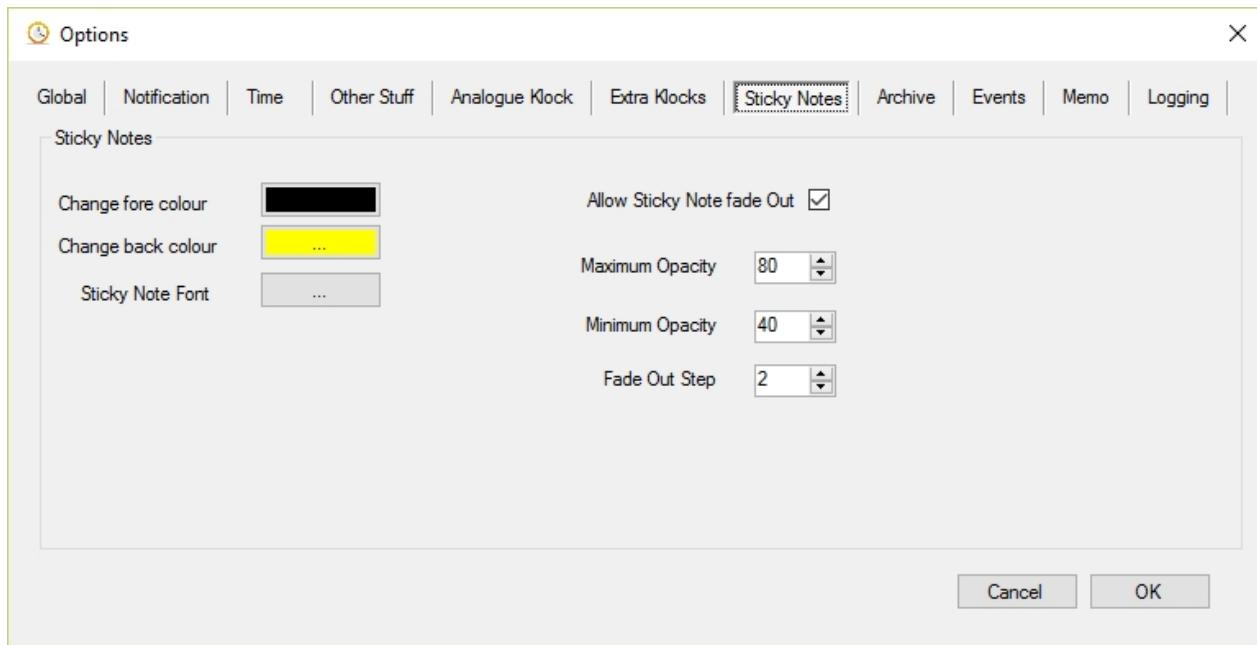
NB :: care should be taken when setting active text colour that could conflict with the status bar - blue = disabled monitor sleeping and red = laptop running on batteries.

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

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Sticky Note

Sticky Note



The Sticky Note options are as follows.

The various colours and font can be set for Sticky Note.

The sticky note can fade out when the mouse leave the note, if allowed. If allowed the maximum, minimum and change in opacity can be specified.

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.

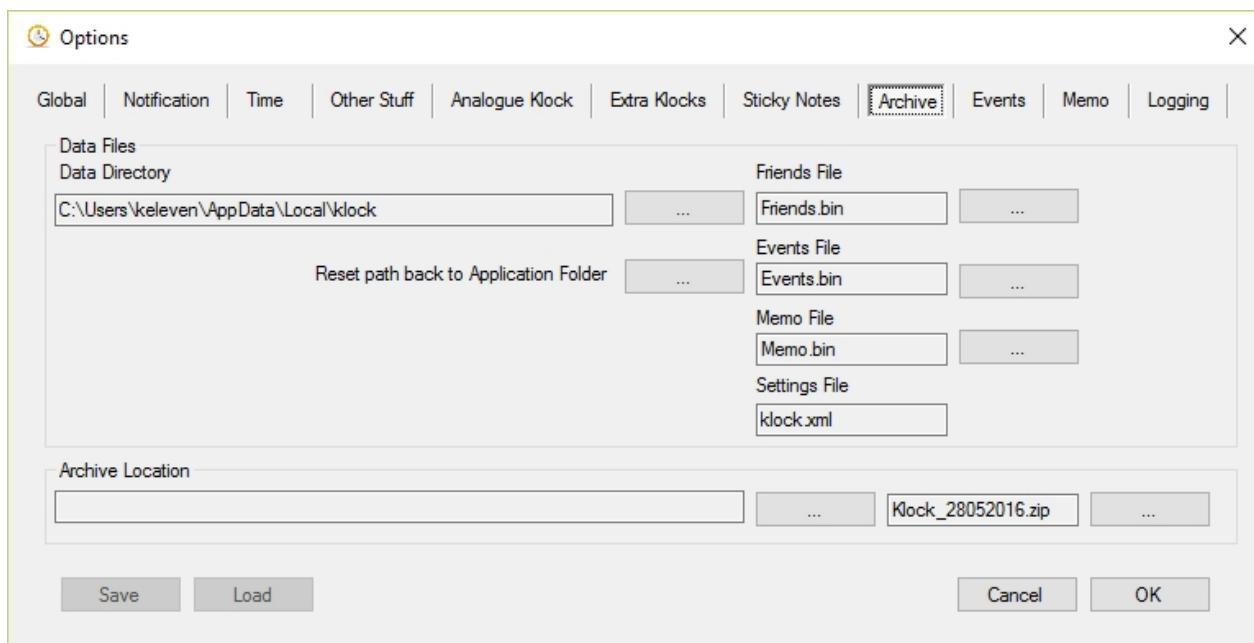
Pressing OK will save the new settings.

Pressing cancel will not save any changes.

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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]

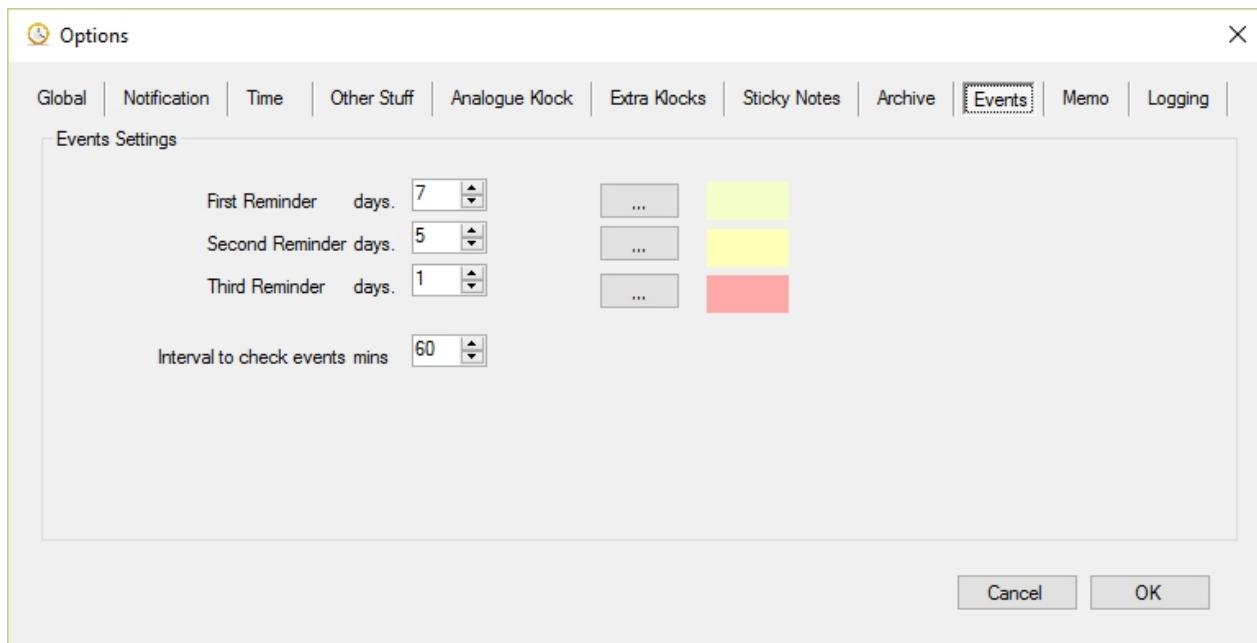
Pressing OK will save the new settings.

Pressing cancel will not save any changes.

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Events

Events



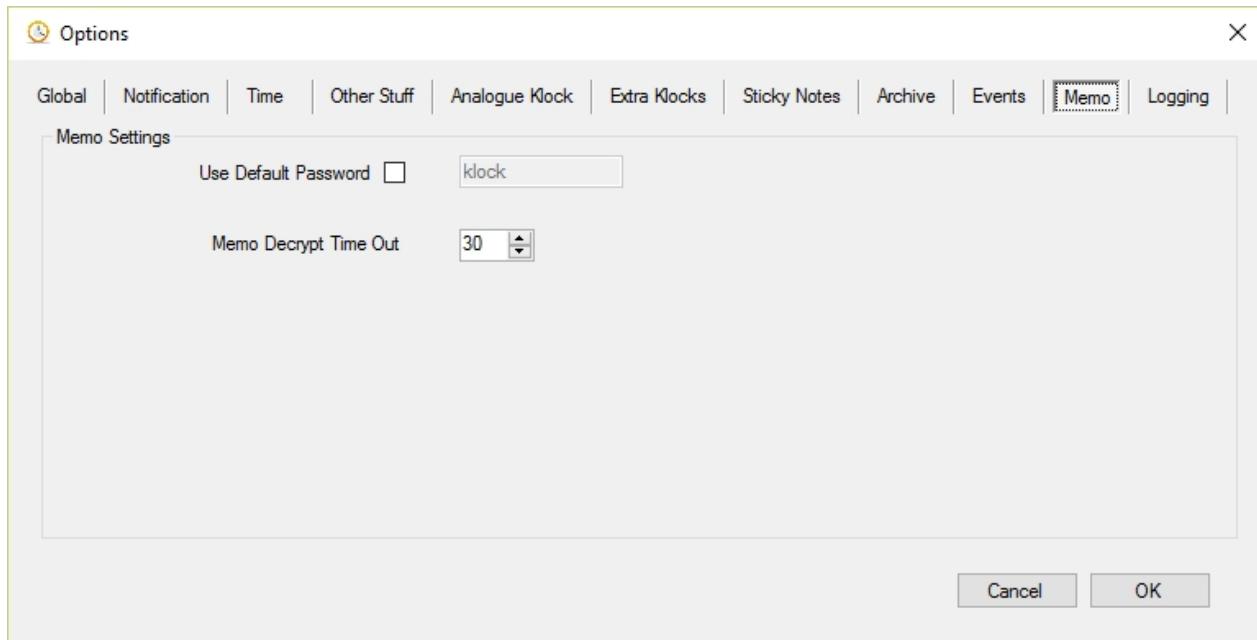
Each event can display a reminder notification up to three time before it's due date. The period of these reminder notification can be set. Also the colour of the reminder notification can be changed to suit.

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

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Memo

Memo



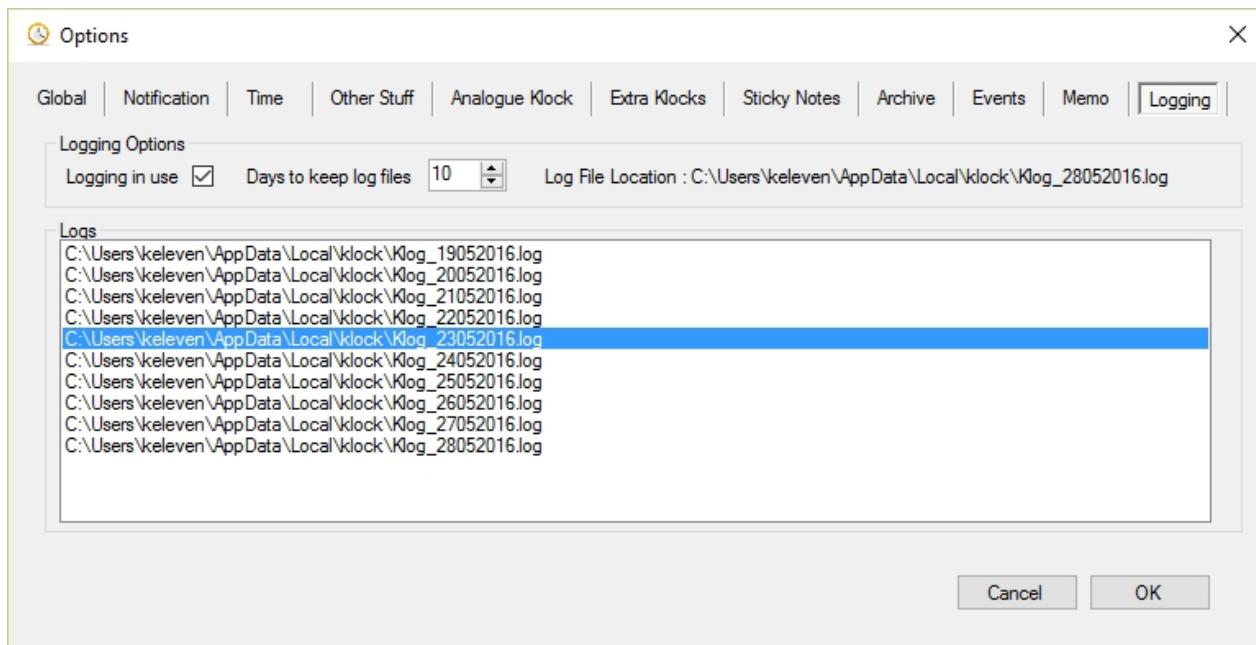
Memo can be set up to use the default password.

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

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Logging

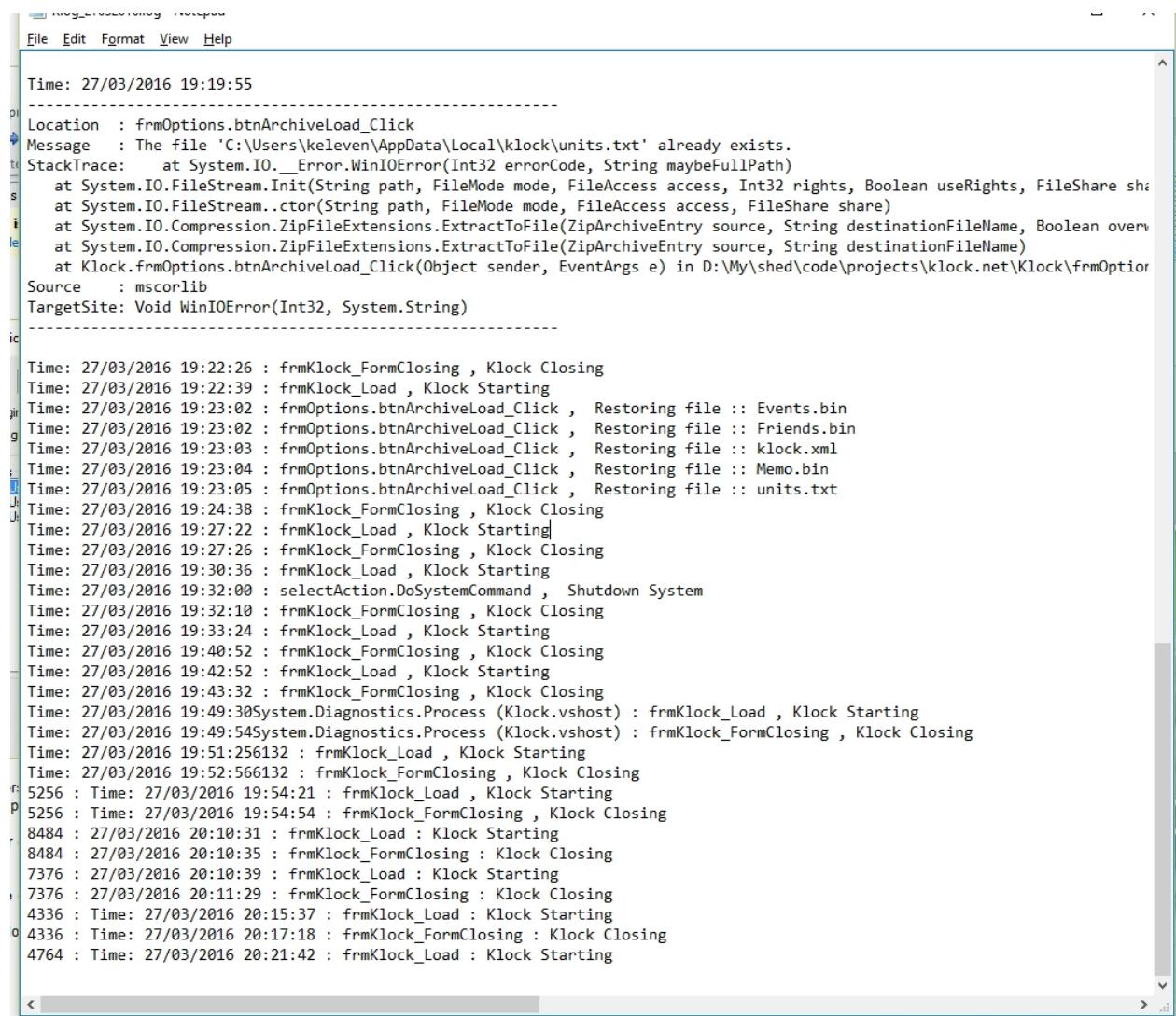
Logging



Certain errors and message can be logged to text file for further reading. This facility can be disabled. If enabled, the log files are displayed.

The number of days to keep the log files can be specified, default is 10. After this time, the Klock will delete the older log files.

Clicking the entry for the log file, should log the log file into the default text editor.



The screenshot shows a Windows Event Viewer window with the title bar "Event Viewer". The menu bar includes "File", "Edit", "Format", "View", and "Help". The main pane displays log entries for the application "Klock".

```

Time: 27/03/2016 19:19:55
-----
Location : frmOptions.btnArchiveLoad_Click
Message   : The file 'C:\Users\keleven\AppData\Local\klock\units.txt' already exists.
StackTrace: at System.IO._Error.WinIOError(Int32 errorCode, String maybeFullPath)
at System.IO.FileStream.Init(String path, FileMode mode, FileAccess access, Int32 rights, Boolean useRights, FileShare share)
at System.IO.FileStream..ctor(String path, FileMode mode, FileAccess access, FileShare share)
at System.IO.Compression.ZipFileExtensions.ExtractTofile(ZipArchiveEntry source, String destinationFileName, Boolean overWrite)
at System.IO.Compression.ZipFileExtensions.ExtractToFile(ZipArchiveEntry source, String destinationFileName)
at Klock.frmOptions.btnArchiveLoad_Click(Object sender, EventArgs e) in D:\My\shed\code\projects\klock.net\Klock\frmOptions.cs:line 100
Source    : mscorelib
TargetSite: Void WinIOError(Int32, System.String)
-----
Time: 27/03/2016 19:22:26 : frmKlock_FormClosing , Klock Closing
Time: 27/03/2016 19:22:39 : frmKlock_Load , Klock Starting
Time: 27/03/2016 19:23:02 : frmOptions.btnArchiveLoad_Click , Restoring file :: Events.bin
Time: 27/03/2016 19:23:02 : frmOptions.btnArchiveLoad_Click , Restoring file :: Friends.bin
Time: 27/03/2016 19:23:03 : frmOptions.btnArchiveLoad_Click , Restoring file :: klock.xml
Time: 27/03/2016 19:23:04 : frmOptions.btnArchiveLoad_Click , Restoring file :: Memo.bin
Time: 27/03/2016 19:23:05 : frmOptions.btnArchiveLoad_Click , Restoring file :: units.txt
Time: 27/03/2016 19:24:38 : frmKlock_FormClosing , Klock Closing
Time: 27/03/2016 19:27:22 : frmKlock_Load , Klock Starting
Time: 27/03/2016 19:27:26 : frmKlock_FormClosing , Klock Closing
Time: 27/03/2016 19:30:36 : frmKlock_Load , Klock Starting
Time: 27/03/2016 19:32:00 : selectAction.DoSystemCommand , Shutdown System
Time: 27/03/2016 19:32:10 : frmKlock_FormClosing , Klock Closing
Time: 27/03/2016 19:33:24 : frmKlock_Load , Klock Starting
Time: 27/03/2016 19:40:52 : frmKlock_FormClosing , Klock Closing
Time: 27/03/2016 19:42:52 : frmKlock_Load , Klock Starting
Time: 27/03/2016 19:43:32 : frmKlock_FormClosing , Klock Closing
Time: 27/03/2016 19:49:30 System.Diagnostics.Process (Klock.vshost) : frmKlock_Load , Klock Starting
Time: 27/03/2016 19:49:54 System.Diagnostics.Process (Klock.vshost) : frmKlock_FormClosing , Klock Closing
Time: 27/03/2016 19:51:256132 : frmKlock_Load , Klock Starting
Time: 27/03/2016 19:52:566132 : frmKlock_FormClosing , Klock Closing
5256 : Time: 27/03/2016 19:54:21 : frmKlock_Load , Klock Starting
5256 : Time: 27/03/2016 19:54:54 : frmKlock_FormClosing , Klock Closing
8484 : 27/03/2016 20:10:31 : frmKlock_Load : Klock Starting
8484 : 27/03/2016 20:10:35 : frmKlock_FormClosing : Klock Closing
7376 : 27/03/2016 20:10:39 : frmKlock_Load : Klock Starting
7376 : 27/03/2016 20:11:29 : frmKlock_FormClosing : Klock Closing
4336 : Time: 27/03/2016 20:15:37 : frmKlock_Load : Klock Starting
4336 : Time: 27/03/2016 20:17:18 : frmKlock_FormClosing : Klock Closing
4764 : Time: 27/03/2016 20:21:42 : frmKlock_Load : Klock Starting

```

Note : The log files will be excluded from any archive klock files.

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Hot Keys

Hot Keys

The following hot keys may be used while Klock is running

- Pressing F1, will open klock's help.
- Pressing alt + F2, will open the options screen.
- Pressing alt + F3, will open the analogue klock.
- Pressing alt + F4, will open the small text klock.
- Pressing alt + F5, will open the big text klock.
- Pressing alt + F6, will open the binary klock.
- Pressing alt + F7, will close all child klock and return to main klock.
- Pressing alt + F8, will disable the monitor from going to sleep.
- Pressing alt + F9, will restore system settings for the monitor.
- Pressing alt + F10, will open the clipboard manager.
- Pressing alt + F12, will shown total number of friends.

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Credits

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