

# MyNotex - User manual

## Version 1.2.3

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MyNotex is a free software for Linux useful to take and to manage textual notes, also a large number of them. Notes are gathered under different subjects and are made by a title, a date, a tags (keywords) list and a free-length text. This may be formatted: it is possible to change the font name, size and color of a selected text and of its background, and also to set bold, italic, underline and strike-through; the text may have pictures within it. The software can manage paragraph alignment, bullets, numbered and alphabetic lists with automatic indentation. A single file of MyNotex contains various subjects and notes.

The new features of the software added from the version 1.2.0 are:

- possibility to insert pictures in the text of a note, also resizing them; the files of the pictures will be saved in the attachment directory;
- zoom of the text of the notes;
- possibility to insert ☒ and ☐ symbols to manage "activity done" lists;
- icons and popup menu for cut, copy, copy as html and paste;
- possibility to show the current note in the default browser to print it;
- copy the text of a note in Latex format to paste it in a Latex editor;
- send the text of a note as email through the default mail software;
- export or not the dates of the notes in the HTML export file;
- move up and down a paragraph within the text of a note.

The other main features of the software are:

- various attachments (files of every kind) for each note, zipped and stored in a directory with the same name and path of the MyNotex file in use and automatically managed by the software; the number of attachments is limited only by the available disk space;
- encryption of the text of the selected notes with AES algorithm;
- search for subjects, notes (also in the text), attachments, dates and tags (keywords);
- search for more than one tag at a time (in OR condition) and for a range of dates;
- list of tags used in the current file, to insert them in a new note or in the search fields with double click;
- moving a note with possible related attachments from a subject to another;
- importation and exportation of single subjects with the related notes and

- attachments from and to another file of MyNotex;
- direct importation an OpenOffice.org Writer or LibreOffice Writer file;
- importation from Tomboy and Gnote notes;
- opening of the text of the current note in OpenOffice.org Writer or LibreOffice Writer (useful also to print the note);
- export data in HTML format, which can be easily opened with a word processor like OpenOffice.org Writer or LibreOffice Writer;
- paragraph alignment and indentation of lists;
- possibility to link a note to another note;
- addition of attachments with drag and drop (also more files at a time).

Finally it is possible to synchronize two different files of MyNotex so that the new, the changed and the deleted subjects, notes and attachments in each one of them are mirrored in the other; at the end of the process, the two files and attachments directories are identical. This feature allows to modify two or more files of MyNotex offline and then connect to the LAN or the Internet and synchronize them, also through a cloud services like Dropbox or Ubuntu One.

A file of MyNotex is a database of SQLite ([www.sqlite.org](http://www.sqlite.org)), a popular software whose data can be easily read and exported through different tools available on the Internet. The version of SQLite used by MyNotex is 3.7.2-1 or following (available in Ubuntu 10.10 or following), but it should work also with previous version major or equal to 3.

The use a SQLite and the lack of the typical tree view structure to show the titles of the subjects and of the notes makes the difference between MyNotex and other note-taking softwares. MyNotex has been developed so that it could easily manage a large number of notes, even if it can be used just to write few texts. The use of grids instead of a tree view structure and of SQLite format instead of a XML file grant better strenght and speed with large amount of data. This makes MyNotex useful not only for personal use, but also to share many textual documents within a group or an organization. See below few information about a load test of the software.

MyNotex has been developed with Lazarus ([www.lazarus.freepascal.org](http://www.lazarus.freepascal.org)) and the components TDBZVDateTimePicker ([wiki.freepascal.org/ZVDateTimeControls\\_Package](http://wiki.freepascal.org/ZVDateTimeControls_Package)), a modified version of TRichMemo (<http://wiki.freepascal.org/RichMemo>) and Dcpcrypt (<http://wiki.lazarus.freepascal.org/DCPcrypt>). It has been developed and tested on Ubuntu 12.04 and compiled for Gnome.

MyNotex is free software and is released under the GPL license version 3 ([www.gnu.org/licenses/gpl-3.0.txt](http://www.gnu.org/licenses/gpl-3.0.txt)).

## **Basic elements**

### *Run the software*

MyNotex could be launched in the terminal with two options: "mynotex filename" to open the file indicated; "mynotex -l" to open the last file used.

### *Translation*

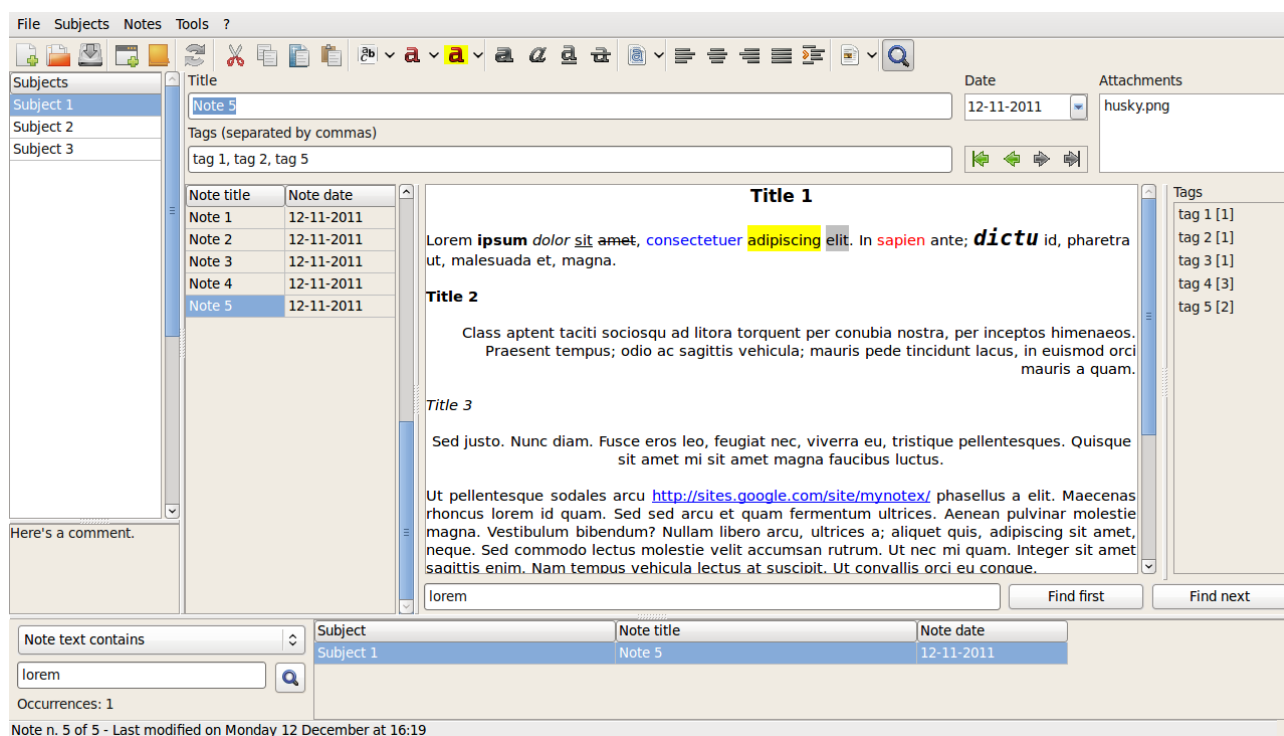
MyNotex is in English, but if it is installed with the deb package, it is automatically

translated according to the language of the system in use, provided that it has already been translated in this language. Currently French, Italian, German, Dutch, Portuguese and Russian are available; more languages may be downloadable on the web site of MyNotex. If the single executable is installed, run it and open the desired language file available in the web site of MyNotex with the menu "Tools – Set language..." to have the software completely translated. It is also possible to open with a text editor the English language file "english.lng" installed in the directory of the software (/usr/lib/mynotex) or download it from the web site of MyNotex, open it (it's just a text file), translate all the sentences in English and install it.

### *The main form*

The form of MyNotex is divided in three areas:

- the subjects grid on the left, with the comments to the selected subject at the bottom;
- the notes area on the right, with the attachment list relative to the selected note (near the date and the green arrows) and the tags list at the very right of the form;
- the search features on the bottom (when it's activated).



In the notes area are shown only the notes related with the selected subject with their attachments list; the titles and the dates of the notes are show also in a read only grid on the right of the subjects grid. On each grid and in the attachments list is available a pop up menu useful to add or delete items. In the status bar (at the bottom) is shown the date and the time of the last modification to the current note.

## *Shortcuts and icons*

The notes can be scrolled with the green arrows at the right top of the form or with "Ctrl" + "Up" and "Ctrl" + "Down" keys; this does not work if a grid is focused or if the Option "Notes – Options – Show text only" is enabled.

In the text of the notes there are some shortcuts available which are not related with the menu items:

- "Ctrl" + "Shift" + "Y": delete the current paragraph.
- "Ctrl" + "." (dot): if the current paragraph is not part of an indented list, select all the paragraphs above and below up to a blank line both up and down, and format them as an indented list with bullets. If the current paragraph is already part of an indented list, or just above or below it and not separated by a blank line, switches the headers (the text at the beginning) of the current paragraph and of each item of the list in this order: bullets, numbers, caps letters, small letters, none.
- "Ctrl" + "A": select all the text of a note.
- "Ctrl" + "B": format the selected text (or the current word) in bold.
- "Ctrl" + "I": format the selected text (or the current word) in italic.
- "Ctrl" + "U": format the selected text (or the current word) in underline.
- "Ctrl" + "M": clear formatting of the selected text (or of the current word).
- "Ctrl" + "L": set the alignment of the current paragraph (or of the selected paragraphs) to left.
- "Ctrl" + "E": set the alignment of the current paragraph (or of the selected paragraphs) to center.
- "Ctrl" + "R": set the alignment of the current paragraph (or of the selected paragraphs) to right.
- "Ctrl" + "J": set the alignment of the current paragraph (or of the selected paragraphs) to justified.
- "Ctrl" + "P": set the background color of the selected text (or of the current word) to the one specified by the user (default is yellow).
- "Ctrl" + "X": cut the selected text and possible pictures. This item is available also in the pop up menu which appears with a right click on the notes text area.
- "Ctrl" + "C": copy the selected text and possible pictures in an internal format; if the text is pasted in MyNotex it will maintain every formatting (bold, italic, etc.), but not if pasted in another software (e.g. OpenOffice.org or LibreOffice Writer). This item is available also in the pop up menu which appears with a right click on the notes text area.
- "Ctrl" + Shift + "C": copy the selected text in HTML format; if the text is pasted in another software (e.g. OpenOffice.org or LibreOffice Writer) it will maintain every formatting (bold, italic, etc.), but not if pasted in MyNotex. This option will not copy possible pictures present in the text. This item is available also in the pop up menu which appears with a right click on the notes text area.
- "Ctrl" + "Shift" + "Alt" + "C": copy the selected text in Latex format; the text could be pasted in any Latex editor and it will maintain bold, italic and underscore text formatting as well as center and left paragraph alignment. This option will not copy possible pictures present in the text. This item is available also in the pop up menu which appears with a right click on the notes text area.
- "Ctrl" + "V": paste the text and possible pictures previously copied or cutted; if the text comes from another application (e.g. OpenOffice.org or LibreOffice Writer),

text formatting will not be preserved. This item is available also in the pop up menu which appears with a right click on the notes text area.

- "Ctrl" + "Shift" + "0" to "9": set a bookmark in the current subject and note.
- "Ctrl" + "Alt" + "0" to "9": go to the bookmark set with the previous option.
- "Ctrl" + "Shift" + "D": insert the current date and time in a new line.
- "Ctrl" + "1" to "3": format the current paragraph as heading 1, 2 or 3. The heading 1 will have a bigger and bold font, heading 2 just a bold font and heading 3 an italic font.
- "Ctrl" + "0": format the current paragraph with the default font, left aligned and with no indentation.
- "Ctrl" + "Shift" + "T": insert or switch to ☒ (activity done) symbol.
- "Ctrl" + "Shift" + "R": insert or switch to ☐ (activity not done) symbol.
- "Ctrl" + "Shift" + "Arrow up": move the current paragraph before the previous one.
- "Ctrl" + "Shift" + "Arrow down": move the current paragraph after the next one.
- "Ctrl" + "+": increase zoom level of the text of the notes (the value is remembered by the software);
- "Ctrl" + "-": decrease zoom level of the text of the notes (the value is remembered by the software).
- "Ctrl" + "Shift" + "E": send the current note as plain text to the default mail software; no possible text formatting or picture will be preserved. This item is available also in the pop up menu which appears with a right click on the notes text area.

Zoom level of the text of the notes can be modified also rolling the mouse wheel with the "Ctrl" key pressed.



The first 6 icons replicate few menu functionalities (File – New, File – Open, File – Save, Subjects – New, Notes – New, Tools – Synchronization). The others are useful to cut, copy, copy as html, paste, change the font name and size, the font color, the font background color, to set bold, italic, underline, strike-through, to restore the default font in the current word (from the button) or in the whole paragraph or to apply headings (from the dropdown menu), to set alignment and indentation of the current or selected paragraphs. The dropdown menu available in the indentation icon allows to change the headers (the text at the beginning) of the items of a list to bullets, numbers, caps letters, small letters, or to remove them. The last two icons allow to send the text of the current note to OpenOffice.org, LibreOffice Writer or current browser (the same does the menu item “Notes – Open with”) and to activate the search functionalities.

As the font kind, font color and font background color icons, to change the name/size or the color just click on the arrow at the right of the button, select "Change font..." or "Change color..." and confirm. To apply the last selected font or color to a text, just click on the button (not on the arrow). This choice is remembered by the software.

The last but one icon works in the same way: click on the arrow at the right of the button and select the word processor to send the text to; this choice is remembered by the software, so that it is enough to click on the button (not on the arrow) to send the text to the last selected word processor.

## *Attachments*

It is possible to attach many files to a single note dragging them on the form of the software (also more files at a time) or using the menu item "Notes – Attachments – New...". The attachments are stored in zip format within a directory with the same name and path of the file of MyNotex in use. This means that if a MyNotex file is copied or moved from one location to another, it is necessary to copy in the same location also the directory with the same name of the file if it is present (namely, if there are attachments in the file in use); "File – Copy" menu item helps to do this.

The attachments directory is completely managed by the software: it is created when the first attachment is loaded or picture is inserted in the text of a note, and it is deleted when the last attachment or picture is deleted. The name of every zipped attachment is made by a some numbers and letters (a Unique Identifier) and the original name of the file attached; so it is possible to enter the attachment directory, search for a specific file, unzip it and load it somewhere.

Since attachments and pictures are not stored within the database but in an external directory, their number is limited only by the available disk space. The attachments of a single note could not have the same name, but different notes may have attachments with the same name.

## *Tags*

In the Notes area, there is a field for tags. To associate some tags to the current note, just write them in this field separated by commas. At the right of the form there is also a list of the tags used in the current file with the recurrences (number between square brackets after each tag), namely the number of times they are used in all the notes. If the search area is closed, a double click on a tag inserts it in the tags field of the current note. If the search area is opened, a double click on a tag adds it to the search field. Note that if the notes with tags in the file in use are more than 1000, the tags list will not be created for performances reasons.

## *Links*

It is possible to insert a link in the text of a note to a file contained in the computer in use, to a website or a mail address. Just type a word beginning with file://, http://, https://, www. or mailto: and press the space bar or "Return" at the end of it to format it as a link; with Ctrl + mouse click it will be opened. Note that if the path of a file requires a / character, it must be added to the "file://" specification (for instance, file:///Download/picture.jpg). If the name of the link contains a space, it must be written as %20 or as an underscore (\_). For instance, to insert a link to a file called "my picture.jpg" in the folder "my folder" what should be typed is: "file:///my%20folder/my%20picture.jpg".

It is also possible to insert a link in the text of a note to another note contained in the file in use with this syntax: "mnt://SubjectTitle/NoteTitle", where "SubjectTitle" means the title of the subject and "NoteTitle" the title of the note. With Ctrl + click on the link, the subject and note specified are selected. It is possible to specify only the subject name.

## *Pictures*

It is possible to insert pictures in the text of a note with "Notes – Add picture..." menu

item. This option allows to open a picture in jpeg or png format and insert it at the position of the cursor. After having opened the picture, it is possible to resize it selecting in a form the desired percentage of resizing. The picture in the text will be considered a character, so it could be deleted, cut, copied or pasted like any other text.

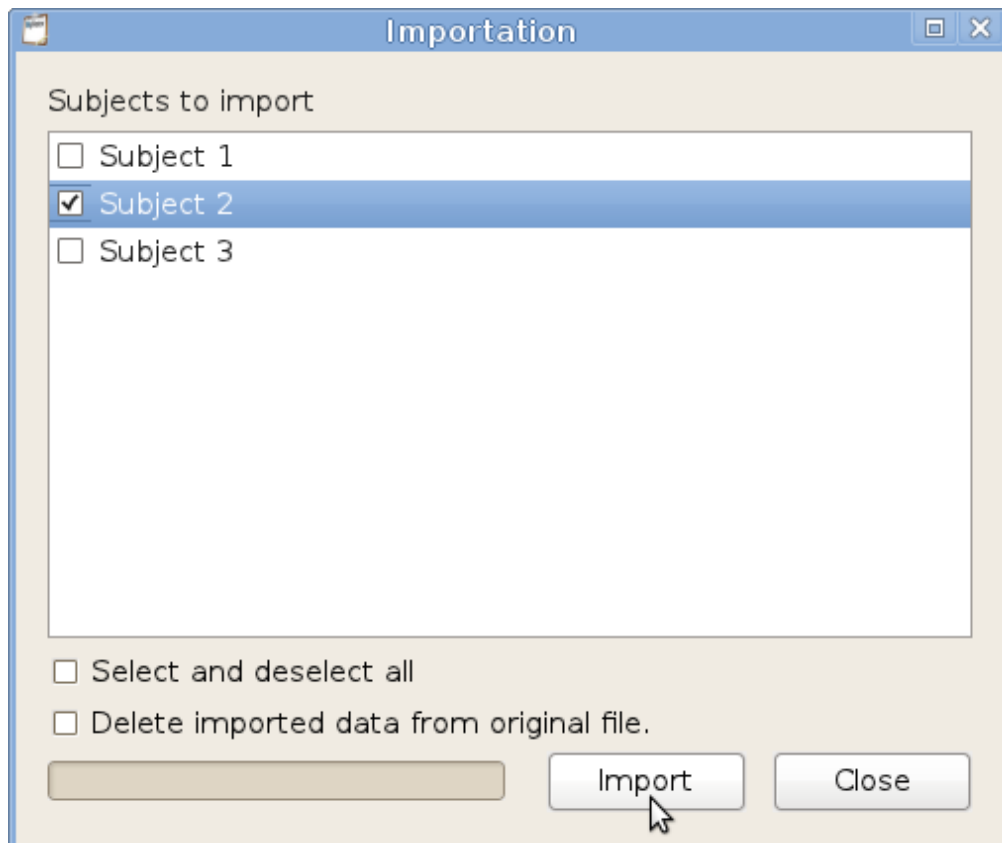
The file of the picture possibly resized (and not the original file) will be saved in the attachment directory, not in the database, in jpeg format: for this reason, it is better to use jpeg pictures, since png format could not be translated properly. The pictures are saved in files not zipped; their name will begin with some numbers and letters (a Unique Identifier) followed by a standard progressive name (img0000, img0001, etc). See "Attachments" section above for more information about the attachment folder.

## **Menu items**

Some menu items are not enabled when a subject or a note is being modified. To enable all the menu items, just save the data.

### *File*

- New – Create a new file of MyNotex; a new subject is created automatically and the user may give it a title.
- Open ("Ctrl" + O) – Open a file of MyNotex; if the file is empty, a new subject is created automatically and the user may give it a title.
- Close – Close the MyNotex file in use.
- Save ("Ctrl" + S) – Save all data changes (both in subjects and in notes); when the option "Notes – Options – Show text only" is activated, changes are automatically saved every 5 minutes from the last saving.
- Undo editing ("Ctrl" + Z) – Cancel all data changes made after last save.
- Update – Reload data; this functionality is useful if the file in use has been changed by another user or by a synchronization after it was opened, and also to update the order of the notes (by title or by date) after new elements are added.
- Copy – Copy file in use and its attachment directory (if present) with another name without opening it.
- Import – Import selected subjects and related notes and attachments from another file of MyNotex. After having selected the file to import from, the software shows in a grid all the subjects contained in it; select the subjects to be imported and click on "Import" button to insert them and the related notes and attachments in the file in use. If the check box "Delete imported data from original file" is selected, then the imported subjects and the related notes and attachments are deleted from the external file. If a subject is already present in the file in use, neither it nor the related notes will be imported. The check box "Select and deselect all" is useful to select or deselect all the items in the list.



- Export – Export selected subjects and related notes and attachments from file in use to another file of MyNotex. After having selected the file to export to, the software shows in a grid all the subjects contained in the file in use; select the subjects to be exported and click on “Export” button to insert them and the related notes and attachments in the external file. If the check box “Delete exported data from original file” is selected, then the exported subjects and the related notes and attachments are deleted from the file in use. If a subject is already present in the external file, neither it nor the related notes will be exported. The check box “Select and deselect all” is useful to select or deselect all the items in the list.
- Save as HTML – Export selected subjects and related notes from file in use to a HTML file. After having selected the HTML file to create, the software shows in a grid all the subjects contained in the file in use; select the subjects to be exported and click on “Export” button to copy them and the related notes in the external file. The check box “Select and deselect all” is useful to select or deselect all the items in the list, whereas the check box “Export dates” will allow to export the dates of the notes. In the HTML file, subjects will appear as a heading 1 text, notes titles as a heading 2 text and notes dates, if exported, as a heading 3 text. Opening the file with OpenOffice.org or LibreOffice Writer, the headings will be preserved. If the text of a note is encrypted, it will not be exported, but a warning message will appear in the HTML file instead of it. If there are indented paragraphs in the text of a note to be exported, bullets and numbered lists will be exported as HTML lists only if they are indented.
- Convert from – It has two options, related to conversion from Tomboy or Gnote notes:
  - Tomboy – Import in the file in use all the notes created with Tomboy, saving almost every formatting; if a Tomboy note has been already imported, only its

modified elements (date, text, etc.) will be changed in the file in use. If the directory with Tomboy notes (located in the home directory, in .local/share/tomboy) does not exist, because it has been removed or the software is not installed, this menu item will be disabled.

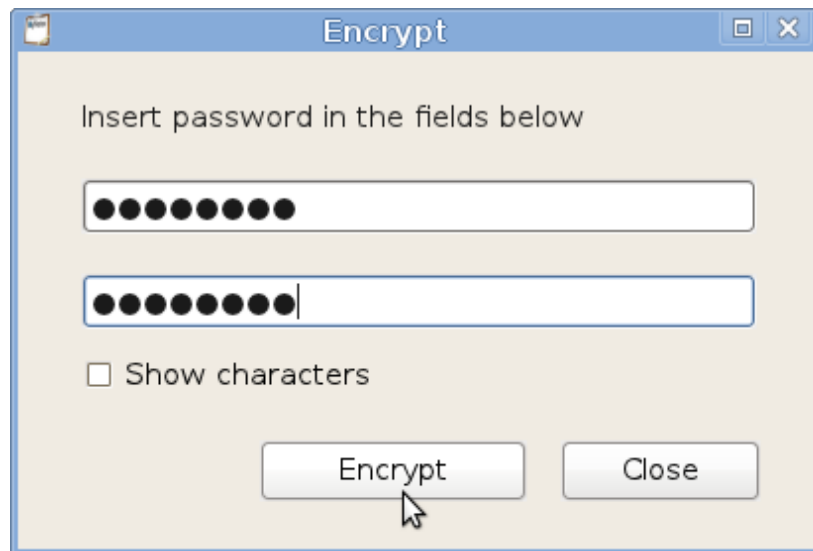
- Gnote – Import in the file in use all the notes created with Gnote, saving almost every formatting; if a Gnote note has been already imported, only its modified elements (date, text, etc.) will be changed in the file in use. If the directory with Gnote notes (located in the home directory, in .local/share/gnote) does not exist, because it has been removed or the software is not installed, this menu item will be disabled.
- Names of the last four files opened – Open the corresponding file.
- Exit ("Ctrl" + Q) – Quit the software.

*Subjects* (items available also from a pop up menu: right click on subjects grid)

- New – Create a new subject as an empty line in the subjects grid; click on it and write the subject's title. Another way to insert a new subject is to go to the last line in the subjects grid and press the key Down.
- Delete – Delete the current subject and the related notes and attachments.
- Comments – Open a form to change the title of the subject and to insert some comments about it. The comments are visible also at the bottom of the grid of subjects.

*Notes*

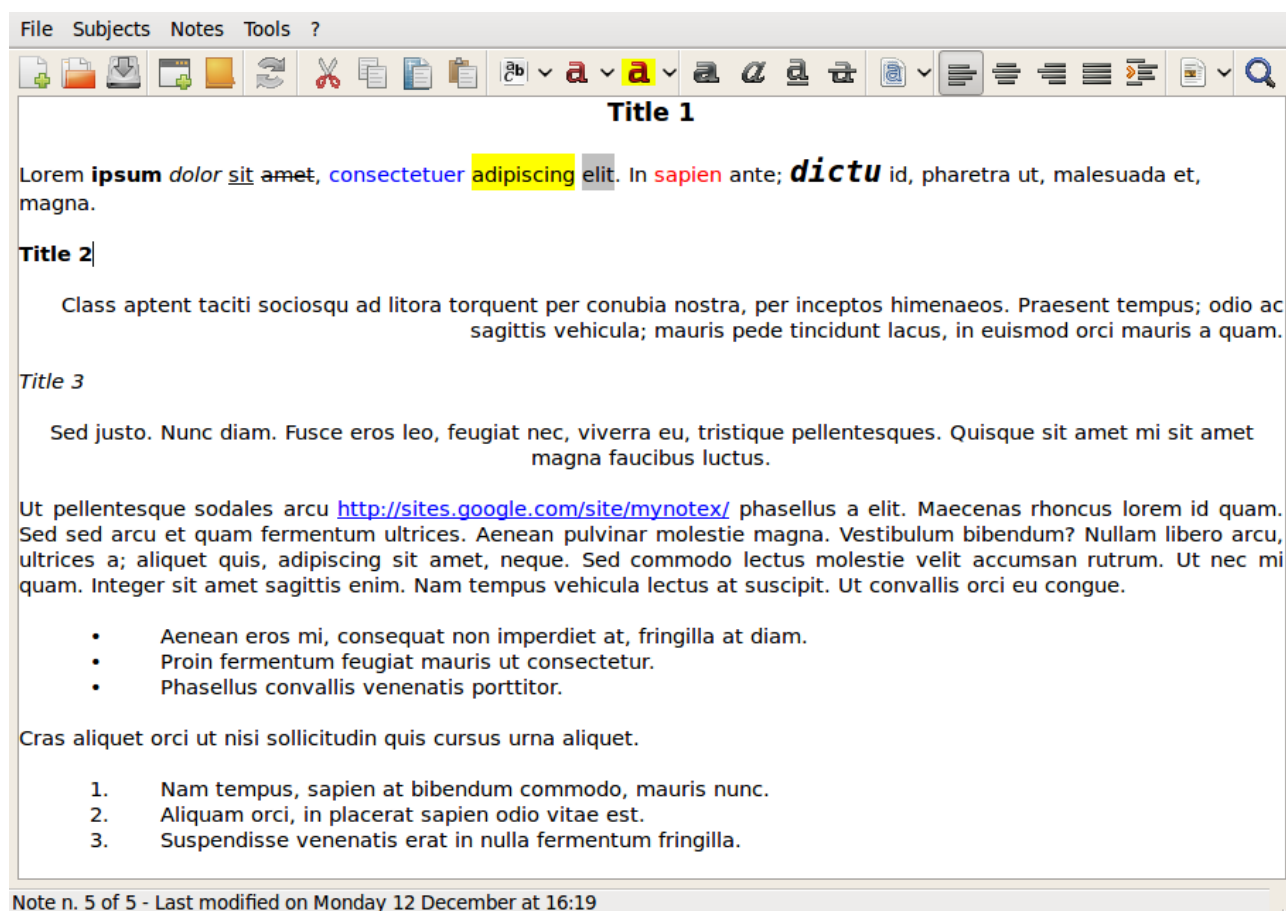
- New ("Ctrl" + N) – Create a new note related to the current subject (item available also from a pop up menu: right click on notes grid).
- Delete – Delete the current note and all its attachments (item available also from a pop up menu: right click on notes grid).
- Order – It has two options, and the choice is remembered by the software:
  - Date ("Ctrl" + D) – Sort the notes by date; if this option is activated (it's the default one), when a subject is selected, the last related note (more recent) is shown.
  - Title ("Ctrl" + G) – Sort the notes by title.
- Encrypt and decrypt ("Ctrl" + Y) – If the text of the current note is not encrypted, this functionality allows to encrypt it; it is necessary to enter twice a password and confirm (press "Return" in the second password field or click on button "Encrypt").



If the text of the current note is encrypted, this functionality allows to remove encryption protection (a confirmation is requested); the password must be already entered and the text must be shown. See below for more information about encrypting.

- Move – Move the current note and its related attachments under another subject. The software shows in a grid all the subjects contained in the file in use except the one the note is linked to; select the subject under which the note should be moved and click on “Move” button.
- Insert file in a new note (“Ctrl” + “Shift” + I) – Load a file of OpenOffice.org or LibreOffice Writer (.odt) or a text file (any extension) in a new note; the file name will be the notes title; for Writer files, no images will be imported, but the direct formatting of the text (not related to style sheets) will be preserved; right now, only bold, italics, underline and strikethrough are preserved. The footnotes will be shown within the text between square brackets.
- Open with – It has three options:
  - OpenOffice.org Writer – Allows to send the text to OpenOffice.org Writer so that it can be modified and printed.
  - LibreOffice Writer – Allows to send the text to LibreOffice Writer so that it can be modified and printed.
  - Browser – Allows to send the text to the current browser so that it can be printed.
- Insert picture – Insert a picture at the position of the cursor, possibly resizing it.
- Attachments – It has four options, related to notes (items available also from a pop up menu: right click on attachments grid)
  - New – Attach a file to the current note; the name will be shown in the attachments right list. It is possible to add attachments also dragging and dropping one or more files on the form of the software.
  - Open – Open the attachment selected in the attachments list on the right, saving it in the temp directory (in Linux should be /tmp); the same can be done with a double click on an attachment name.
  - Save as – Save the attachment selected in the attachments list on the right with its original name; only the destination directory can be chosen.
  - Delete – Delete the attachment selected in the attachments list on the right.
- Tags – It has two options, related to tags:

- Rename – Rename a tag in all the notes of the file in use; enter the old tag name and the new one and confirm.
- Delete – Delete a tag in all the notes of the file in use; enter the tag name and confirm.
- Search (“Ctrl” + F) – Open the search area, at the bottom of the form. Select the field in which the search should be done (subjects titles, notes titles, notes texts, tags, date or attachments names) and the kind of matching (begins with, contains, equal to, between) in the drop-down list at the left bottom of the form; then insert the text to be found in the field below and press “Return” or click on the button with the magnifying glass. If the search is on tags, many values could be inserted separated by commas; the software will select the notes that have at least one of the tags specified (OR condition). In the grid at the right bottom will be shown all the elements found; click on each one of them to show the corresponding data. Furthermore, below the notes text there is a field to search within the text of the current note; insert the text to be found and click on “Find first” or “Find next” to find the first or the next occurrence of the specified text. Note that when a note is encrypted, the search performed with the option “Note text contains” will not look for text inside it; the note will be ignored. The other search options will work normally.
- Options – It has two options, related to notes.
  - Show text only (“Ctrl” + H) – Show only the text of the notes, hiding the other elements in the form; when this option is activated, changes are automatically saved every 5 minutes from the last saving; when it is deactivated, the autosave is suspended.



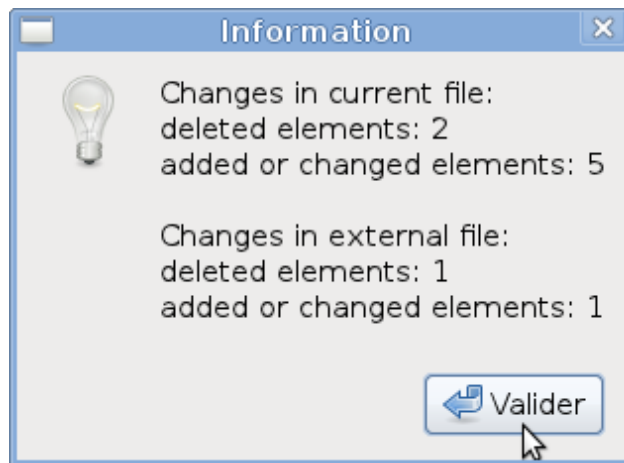
- Font type – Change the name and the size of the *default* font for the notes text; this font will be used for the new notes or when the formatting is removed; the choice is remembered by the software.

### Tools

- Synchronization (“Ctrl” + K) – Synchronize the file in use with another file of MyNotex provided that they have the same name and the second one is contained in the synchronization folder (see below). If the synchronization folder has not been specified or within it there is not a file with the same name of the file in use, this menu item is not enabled. No message will be shown if no elements of the files synchronized are changed.
- Select sync folder – Choose the folder in which are contained the files for synchronization (see below). This menu item is enabled only if there is no file opened; to enable it, just close the file in use (click on menu items File – Close).
- Activate autosync – When this option is enabled, any file which can be synchronized (there is another file with the same name in the sync folder) is actually synchronized when it is opened and closed. This option is remembered by the software.
- Compact – When a subject or a note is deleted, it remains physically in the file even if it cannot be shown. With this option the file is purged by deleted data and its size is proportionally reduced.
- Form color – It allows to change the background color of the interface of the software.
- Form transparency – It allows to enter a number from 0 to 150 to change the transparency level of all the forms of the software. The more the number is high, the less the software will be transparent.
- Activate tray icon – It allows to activate the icon of the software in the tray area; a click on this icon shows or hides the main form. If this is minimized, it does not appear in the task bar (it's minimized in the tray area); to make it visible, click on the tray icon. A right click on the tray icon will show a popup menu with the option to exit from the software.
- Set language – It allows to open a language file to have MyNotex translated in the desired language. See above for more information.

### How to synchronize two (or more) files

To synchronize two files of MyNotex means that all the new, the changed and the deleted subjects, notes and attachments in each one of them is mirrored in the other; at the end of the process, the two files and attachments directories are identical. When the two files contain changes in the same element (note or subject), the last version (the more recent) is kept.



To synchronize a file, copy it and the attachments directory (if present) in the synchronization folder (selected in "Tools" – "Select sync folder" menu) keeping the same name; the "File" – "Copy file" option can be useful to do this. It can be used also on an empty file or a file with various subjects, notes and attachments, provided that they are in the synchronization folder and have the same name as the file in use. Then use the "Synchronization" function from the menu "Tools" to execute synchronization. If the menu item "Tools – Activate autosync" is activated, the synchronization will be performed automatically when a file is opened and closed, provided that its copy is present in the sync folder.

To synchronize files in different computers through a cloud service (e.g. Ubuntu One or Dropbox) do this in each one of them:

- specify the folder which is checked by the service (e.g. Ubuntu One or Dropbox) as MyNotex sync folder;
- copy the files to be synchronized in this folder;
- execute the synchronization with MyNotex on each computer, waiting between one sync and the next until the modified file has been copied by the cloud service in the other computers.

To enable synchronization, MyNotex records in each file a list of the deleted items, subjects and notes (just an ID, not the text of them); each element is deleted after 6 months. So if a file is to be synchronized, it is necessary to run the synchronization at least every 6 months; otherwise the deleted elements in a file should not be deleted in the others which are synchronized with it.

### **Encryption of the text of a note**

When the text of a note is encrypted, it is saved in the file in use (a database of SQLite) in an encoded form so that it cannot be read also opening the same file with another software than MyNotex. Obviously, the password is not stored in the file. Only the text of the note is encrypted, not the title, the date, the tags, the pictures within it or the attachments.

When a note is encrypted, its title will be shown in red color in the notes titles grid.

Title		Date	Attachm
<input type="text" value="Note 4"/>		<input type="text" value="12-11-2011"/>	
Tags (separated by commas)			
<input type="text" value="tag 3"/>		<input type="button" value="←"/> <input type="button" value="→"/> <input type="button" value="↶"/> <input type="button" value="↷"/>	

Note title	Note date
Note 1	12-11-2011
Note 2	12-11-2011
Note 3	12-11-2011
Note 4	12-11-2011
Note 5	12-11-2011

Insert password to show the text

When an encrypted note is selected, the software requires the correct password to show it; enter the password in the proper field and press "Return". If the password is wrong, a warning red message will appear. If the password is correct, the text will be shown; when another note will selected, the text will be locked again.

Each encrypted note has its own password, so it is possible to use different passwords to encrypt different notes. If an encrypted note is exported to another file of MyNotex, it will be opened with the same password it had in the original file.

When a note is encrypted, the search performed with the option "Note text contains" will not look for text inside it; the note will be ignored. The other search options will work normally.

The algorithm used to encrypt the notes is the AES (Rijndael) implemented by a DCPcrypt component (see <http://wiki.lazarus.freepascal.org/DCPcrypt>). See [http://en.wikipedia.org/wiki/Advanced\\_Encryption\\_Standard](http://en.wikipedia.org/wiki/Advanced_Encryption_Standard) for more information about the algorithm.

When an encrypted note is opened with OpenOffice.org Writer or LibreOffice Writer it remains unencrypted (and so readable with a word processor) in the temporary directory (with the filename "MyNotexFile.html"). To remove it, open another note or delete the file manually.

## Load test

To test the response of MyNotex (version 1.0.6) with large amounts of data, it has been created by software a file with 100,000 notes divided in 100 subjects (1,000 notes for each subject); each note contained about 15,000 characters in the text, 4 full pages of A4 format (1,5 billion of characters as total). Though the file was about 1,5 GB, the software was still responsive except for the search in notes text, which required about 25 sec. The computer used for the test was a notebook with an Intel core i5 processor and 4 GB of RAM.

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