

CryptoEdit 1.6

User Guide



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Welcome to CryptoEdit

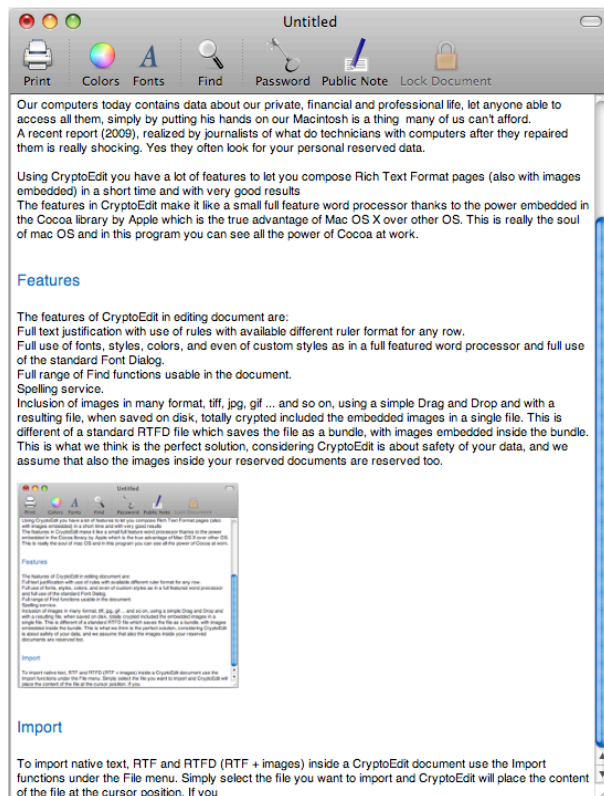
Encrypted RTF Documents with Images

CryptoEdit is a program to create and edit protected encrypted documents.

It can manage TEXT, RTF and RTFD (with images) format.

It saves documents on disk always as encrypted and is the ideal solution to manage reserved documents with formatted text and images.

CryptoEdit is absolutely simple, powerful and secure.



CryptoEdit allows to edit document as a normal simple word processor which can handle text and images. All the feature available in a modern Cocoa based rich text processor are available in CryptoEdit.

The text can be formatted using rules, different font, style, size, color.

All the usual manipulations of fonts are available via menu and dialogs plus custom styles are available. Spelling in your native language. Text search is full implemented.

Insertion of images inside the document with just drag and drop.

CryptoEdit can import from other documents in standard TEXT or RTF or RTFD (RTF + images) .

Documents can also be exported as TEXT, RTF or standard RTFD (included images)

CryptoEdit document are saved always encrypted for security purpose. If you saved it you can be sure that you saved it encrypted.

Saving a document containing images, will create on disk a single file with all the text and images encrypted in a single file. Any data the user puts in the document is encrypted and not readable without the right password.

Getting Started with CryptoEdit

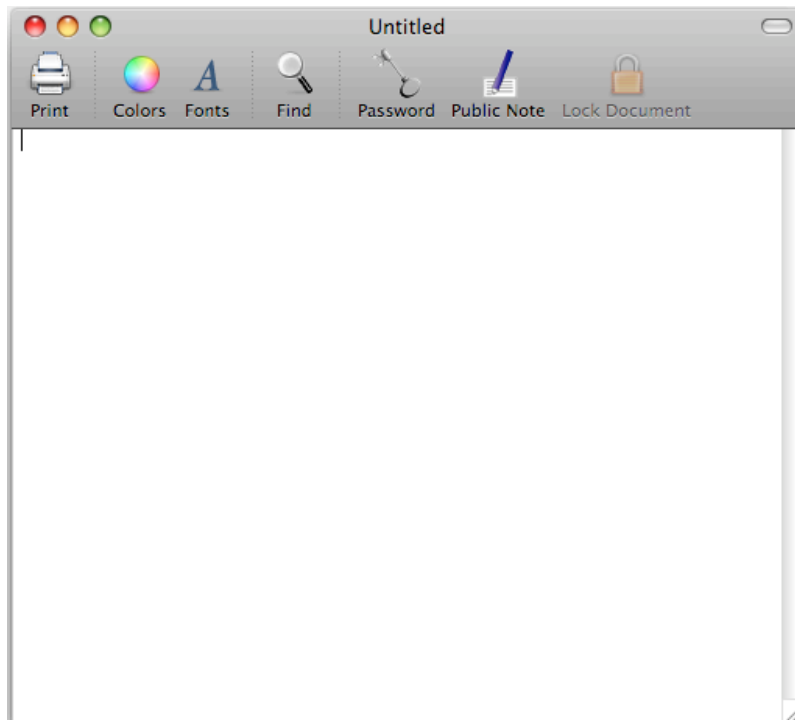
Start to Work with CryptoEdit

At launch CryptoEdit opens automatically e “Untitled” empty window.

You can use CryptoEdit exactly as a normal styled editor.

All the function available in a advanced editor are available under CryptoEdit.

You can even drag and drop images from the finder inside a document and them will be embedded inside



When you will go to save on disk, if a password was not defined yet for the document, it will ask for it (CryptoEdit saves ALWAYS encrypted).

This is the only time you have to insert the password to protect the document. The application will remember it every time you will want to save this document on disk.

When in future you will try to open again the document, it will ask for the password. How it works?

CryptoEdit protects any document you save on disk.

The protection of the document it is Not based on a trick.

The protection it is not based on the application refusing to open the document if you don't insert the password.

The protection is based on the encryption, using the blowfish algorithm, of the entire content of the document.

When you open a document, if you don't provide the right password, the entire content of the file is an unrecognizable bunch of bits and no one, even expert hackers or programmers, can understand them.

There is also an important thing: if you loose the password of a document, it can't be opened.

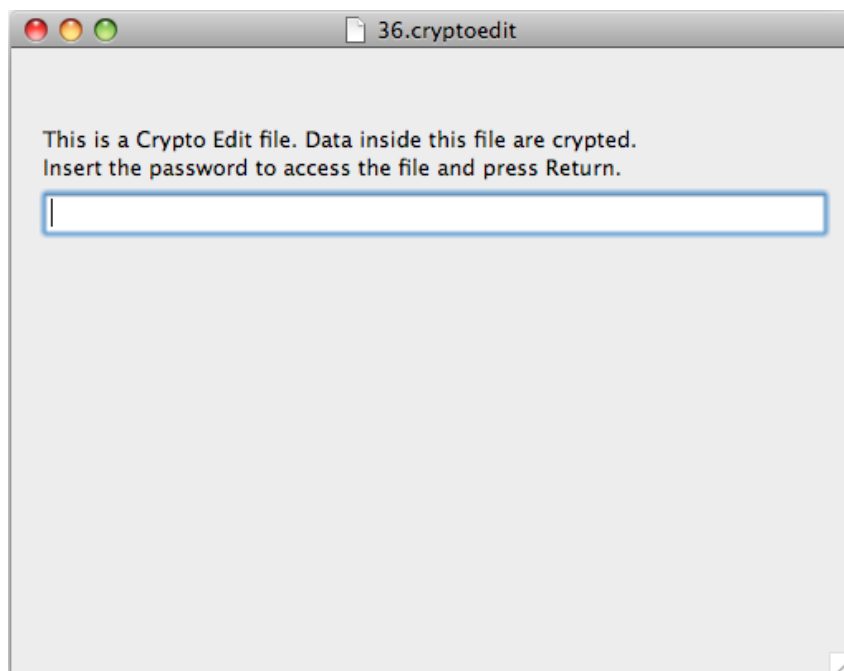
Even we, the developer of CryptoEdit can't help you.

There are no backdoors or others trick. CryptoEdit is a security tool and we realized it as the best tool we could produce with honesty and integrity. We ensure the users

that there is no way to break it except breaking the blowfish encryption of the data inside the document.

We will repeat it again: there are no backdoors of any sort in Crypto Edit.

To decrypt the file content, you must have the password used to protect it.



To avoid to forget the passwords used to protects your documents, we suggest to save the passwords used inside Password Repository, a software we produce useful to manage all your passwords of any kind.

Password Repository can open and decrypt a CryptoEdit document in a single step (if the right password is stored in Password Repository) simply clicking a button.

CryptoEdit Reference

About CryptoEdit

CryptoEdit is an advanced RTF and RTFD (with Images) Editor based on Cocoa, able also to embed images in text, that saves documents on disk always in a encrypted (password protected) way

The user has no way to save the document in plain format, this to avoid to save reserved data in a form anyone can read by mistake. If it was saved with CryptoEdit is secure by default.

Only a person knowing the password used to save a CryptoEdit document, will be able to open and read it.

CryptoEdit is easy to use because it is similar to other word processor available on the Mac plus adding default encryption on anything saved on disk.

CryptoEdit uses the strong Blowfish encryption algorithm to encrypt and decrypt data on the fly without any appreciable delay in opening and saving documents.

Features

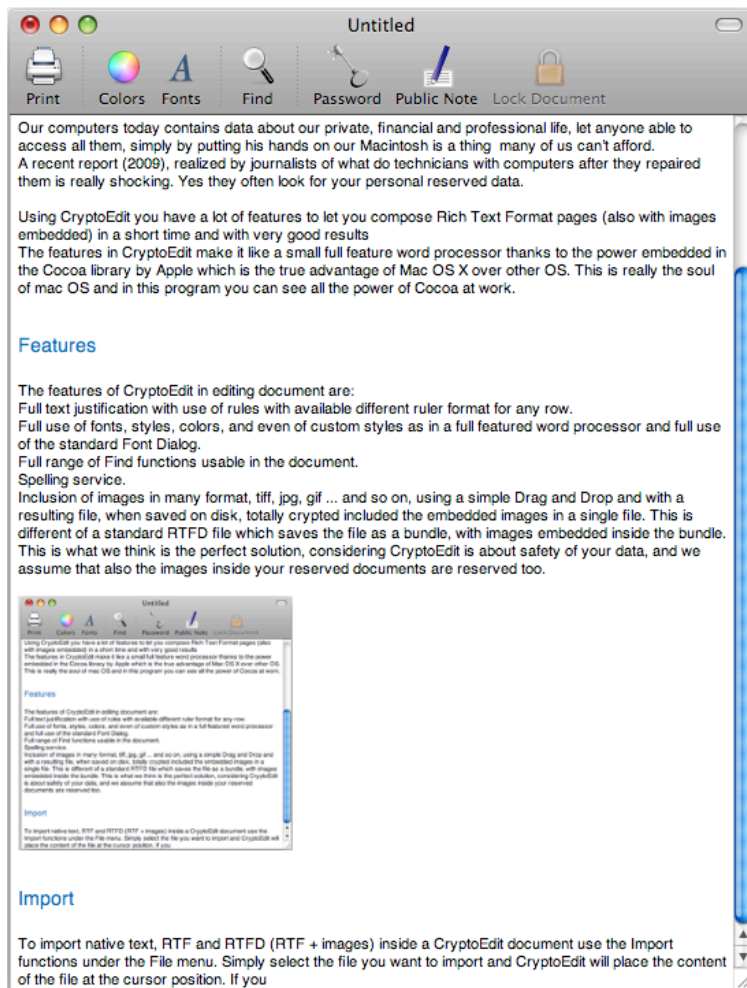
The features of CryptoEdit in editing document are:

Full text justification with use of rules with available different ruler format for any row.

Full use of fonts, styles, colors, and even of custom styles as in a full featured word processor and full use of the standard Font Dialog.

Full range of Find functions usable in the document.

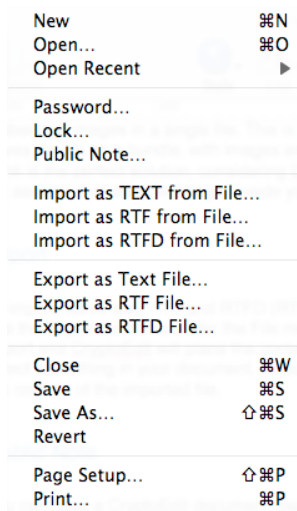
Spelling service.



Inclusion of images in many format, tiff, jpg, gif ... and so on, using a simple Drag and Drop and with a resulting file, when saved on disk, totally crypted included the embedded images in a single file. This is different of a standard RTFD file which saves the file as a bundle, with images embedded inside the bundle. This is what we think is the perfect solution, considering CryptoEdit is about safety of your data, and we assume that also the images inside your reserved documents are reserved too.

Import

To import native text, RTF and RTFD (RTF + images) inside a CryptoEdit document use the Import functions under the File menu. Simply select the file you want to import and CryptoEdit will place the content of the file at the cursor position. If you select something in your document, selecting Import will replace the selection with the content of the imported file.

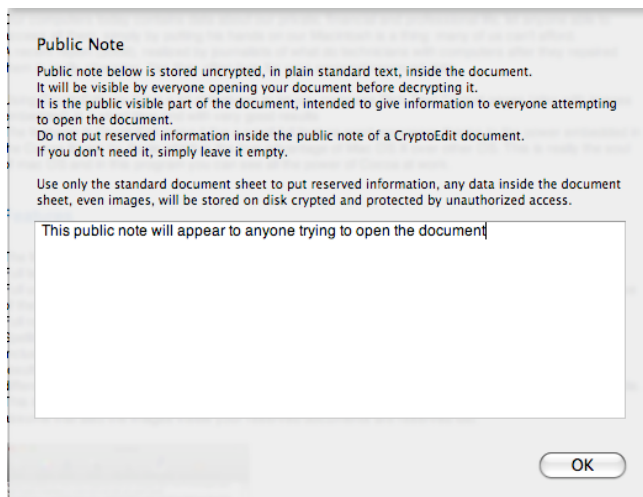


Public Note

You can have a CryptoEdit document display a public note opening it, before inserting the password. This is intended as a way to have a text note available to everyone, also people without the password to open the document. The public note is "public", everyone can read it just launching the document, so, do not insert reserved data in the public note!

The public note is not encrypted. Typically you can insert a text for you to read before inserting the password, or if you want to distribute your document, you can use the public note to explain how to obtain the password from you ... and so on. Use the public note inside the document for the purpose you need.

Access this functionality from the menu or the standard toolbar.



Toolbar

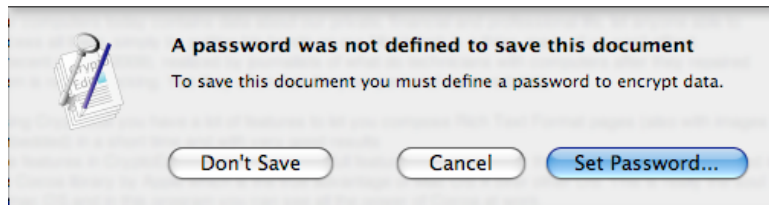
You can use the toolbar at the top of the CryptoEdit Window to access frequented function.

With control-click (or right-click if you have a 2/3/n buttons mouse) you can also select "Customize Toolbar" and specify the icon buttons inside it in the usual standard way.

Save the Document

To save a document select the “Save” command from the “File” menu.

In case a password was not yet set for the current document, CryptoEdit will ask you to insert a password to protect the document. After that, you will be able to save the document using the save panel that will be automatically presented.



The document will be saved encrypted using the password you inserted. Successive save operations will be performed without the need to insert the password again, CryptoEdit will remember the password you inserted and will use it for the document.

Every document is associated with one password, if you have more than one document opened and you inserted a password for one of them, this password will not be used by other documents and you have to specify a password for every new document you want to save.

Is up to you to choose to use the same password for every document or a different one for each document.



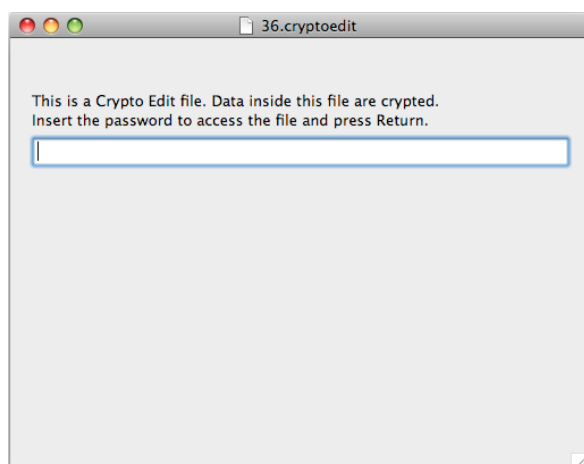
CryptoEdit will ask it for every document just one time only. After that, every document will remember its password.

You will need to use the password again in a document only if you want to change the password or if you closed it and you want to open it again.

Open a Document

To open a CryptoEdit document select “Open” from the “File” menu.
A standard Mac OS X dialog will let you select the file to open.
After that the document will need to be decrypted using the password used to save it.

Without the right password , the document can't be opened because data inside are cryptic and abstruse, not just because CryptoEdit has a lock. There is not the possibility to understand and present the data inside the document in a readable form even using others software. Plus the password is not stored inside the document in any way. If you provide the wrong password, the program understand is wrong just because the decryption session fails, not because it was compared with the right password, CryptoEdit doesn't know the right password until you insert it. The document can't be read using tricks.



Even us, Tension Software, the developer of CryptoEdit can't decrypt a saved document generated by CryptoEdit without the right password. There are no backdoors in the software, we have no interest to place them, and we acts honestly with our customers, so with CryptoEdit you get a tool that is based on the power of mathematical algorithm, because this is guaranties of effectiveness. Tricks has not a long life as our experience suggests. Mathematical algorithms such as the well know Blowfish used in CryptoEdit, offers a good reliability and a strong protection.

You are warned, loosing or forgetting the password used to save a file with CryptoEdit is equal to lost the data inside the document and we can't help you in this unfortunate circumstance.
Use a password Manager (we suggest our Password Repository) to remember your passwords.

Import from File

To import data inside a CryptoEdit document, select the a import command from the “File” menu.
The content of the imported document will be placed at the insertion point.
If you select text inside your document the imported content will replace the selected text. In same way it works as the paste command.
Import can work importing Text or RTF files or RTFD files.

The "Import as Text from File" works on text and also on RTF and RTFD files. Everything imported will be considered a text file.

If you import a RTF file with with "Import as Text from File" you will insert the rtf code as if it was text.

If you want to import a RTF file and have the RTF feature enabled as in a true RTF editor, you must use the "Import as RTF from File..."

Using "Import as RTF from File..." allows only to select files ending in .rtf and insert the content directly with the RTF formatting applied.

You can also import RTFD files. RTFD files are a special kind of RTF with images embedded.

RTFD files are implemented as bundle with RTF and images of different format resulting in a single graphical page. You can import only from files ending in .rtfd

When you import a RTFD file, CryptoEdit handle it natively and place the content as usually at the current prompt position. The result of the imported area is a formatted text and graphics as the one imported. The difference is only at saving time.

When you save a CryptoEdit file, it is saved on disk in a single encrypted file, even if it contains images, and not in a bundle (RTF + images) as in a RTFD files.

Well, we can say that you can work with CryptoEdit and you don't need to know that to use it. It is just to understand the difference on a RTFD standard file and a CryptoEdit file containing content imported from a RTFD file. In a plain RTFD file the images are separate from the text and placed inside the same bundle (which looks like a single doc on Mac), in CryptoEdit rtf text and images are all encrypted and stored in a single data file, all encrypted.

When you import data or embed images also using drag and drop, data will be encrypted by CryptoEdit saving the document, but what is encrypted is the CryptoEdit document with the data that were copied from the source to the document. The original data still are on your Hard Disk in plain format and they can be read by everyone. If you delete the source, the imported data still are inside the CryptoEdit document, images included, because, we will repeat it, they were copied inside the document, images included.

If you don't delete the source you have the data encrypted in the CryptoEdit document but the original source still are on your Hard Disk in plain format.

Export to File

To export the data inside a CryptoEdit document select one of the export command under the File menu.

CryptoEdit will present a standard file dialog: specify the file to export to, and CryptoEdit will export all the content of the document to the file in the format you selected.

The resulting exported file will be readable by any standard application able to read the exported format, text, rtf or rtf (rtf + images)

The CryptoEdit document is not affected in any way, you only just exported in a plain file a content of a secure document, so this can in some way make available to everyone accessing the exported file, a private content. You know the content of the file, you exported it, you know if this is what you really want ... at this point you should understand what you do with your data.

Password

Understanding how passwords are used is a fundamental step for using CryptoEdit in the best way.

First of all understand that every document is associated with a password. The document need the password to be saved on disk.
The document can't be saved for security purpose in plain format (we assume that if you are using CryptoEdit you are going to save reserved data).
If you forget to set a password for a document, CryptoEdit will ask for the password at saving time, this to prevent someone to save data unprotected.
CryptoEdit can't save unprotected document. It's a feature, not a limitation.
If you saved it, you can be sure you saved it crypted.
If you are working with a document and you didn't set a password for it yet, you can do it before saving using the "Password" command from the "File" menu.
The panel will ask you to insert the password two times just to be sure you are inserting the password you want to.
Inserting a different password of what you think, and don't see it because you are using the secure text field which displays dot instead of letter as you type, it is similar to don't know the used password , with tragic consequences for the data in the document (you won't be able to access the document in future). This is the reason you are asked to digit the password two times.
If you have a document with a password already set, you can at any time change it using the "Password" command from the "File" menu. To change it you must provide the old password and insert and confirm the new one.



A password to protect this document is already set.
To change it you must provide the old password:

Old Password:

New Password:

Retype New Password (exactly the same of above):

Show Password Shift-Command-H (use only in safe enviroment)

You can use also a passphrase, with more then one word separated by spaces.
Password or passphrase must be at least six character long.

The author of this software is not able to provide any help in case you lose the password.
If you lose or forget the password you will not be able to access again the data inside the document.
We suggest to have the password stored in anothe secure place.
Please see the help and documentation included with software to have a rational password strategy

Cancel OK

If you change the password and you have written down the password in a secure place (as an example on a paper or using CryptoEdit) , remember to update it, or when you will go to read it you will read the old one, and when you will try to open the document with the old password you have changed ... you understand, also smart people sometime do silly things.
Note that the password is case sensitive, so "myhome" and "Myhome" are different password
Please check that the caps lock of your keyboard is not inserted when you digit the password (unless you really want it) because if you think you have inserted "myhome" and you inserted "MYHOME" as long as you will try to open the document with "myhome" you will get a wrong password alert that can drive you crazy. We reported this specific case because we noticed that is a common error by users. We also noticed at that point that people try to insert the same wrong

password a zillion of time hoping the computer will accept it. We can insure you that if it is wrong, CryptoEdit won't accept it, even if you try a zillion of time.

Encryption

Encryption is a fundamental part of CryptoEdit.

With computers now part of our current life, everyone has reserved data on her/his Mac.

These data contains detail very very important about personal life or work.

A person simply can't afford that someone can read and maybe make public these data.

Your computer can be stolen, especially if it is a portable, and at that point it is just a matter of hours before all your data will be scanned.

You may also need technical assistance, because your computer need to be fixed by a technician, and you have to give it to a technical center, and you can be sure someone will have access to all the plain data on your hard Disk.

If you have used CryptoEdit and you have used a good password others can do nothing with your data, because they are encrypted with a strong algorithm (Blowfish) and without the password your data are a useless series of bit, just crap. I can't say it is impossible to decrypt them, but the effort necessary to break Blowfish in the way CryptoEdit uses it, it is really too much for them.

CryptoEdit doesn't allow to save without password, if you saved it, you can be sure that you saved it crypted. You won't find yourself asking " Did I save it encrypted?"

It's a feature!

CryptoEdit asks you to use a password of a minimum of 6 character to force you to use a password with a minimum of security. This because 6 char is the minimum length for a good password. Longer (at least 9 chars or more) is better.

It would be possible also to let the software choose the password for you the first time, but you need a password you can remember, so you need to think yourself at the password to use.

Unfortunately very often this is a cause of big pain because people doing this don't realize they are disabling the scope of encryption, using a weak password. Please use a good one (one other can find easily)

Using CryptoEdit as a Services from Other Applications

CryptoEdit can be used as a services from inside other applications

Under any application from the services menu, when a text is selected you can select the 'New CryptoEdit Document with Selection'

CryptoEdit will create a new document containing a copy of the previously selected text, ready to be saved in an encrypted format.

Use this service any time you have content in various applications and you prefer to save it on disk only as encrypted document.

The created document, when saved on disk, will be readable only providing the correct password as any CryptoEdit document.

Preferences

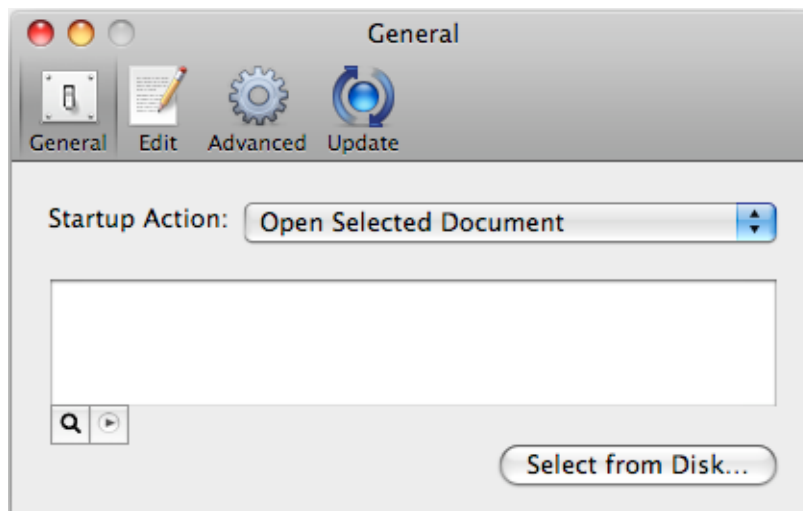
General

Specify the action to do at startup

- New Document: creates a new document at startup
- File browser: opens the dialog to select a CryptoEdit document from disk to launch
- None: performs nothing at startup
- Open Selected Document: allows to select a document and have it launched automatically at startup, this is a standard way to operate in case you use just a single document as the main repository of your notes or use often the same document.

To select a document you have 3 way:

- Pressing the select from disk button and select it from the open dialog that will follow
- Dragging it from the finder or dragging it using the proxy icon (the icon in an opened document in the title bar)
- Editing it in the edit field by keyword (the hard way)



At any successive relaunch CryptoEdit will execute the option selected.

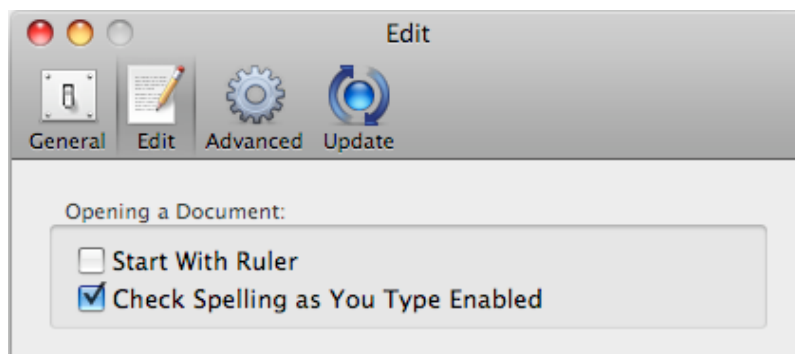
The additional two buttons at the foot of the edit field let you:

- Show in the finder the selected file
- Test open the selected file as it will be done at the next application launch

Edit

Settings used opening a new document:

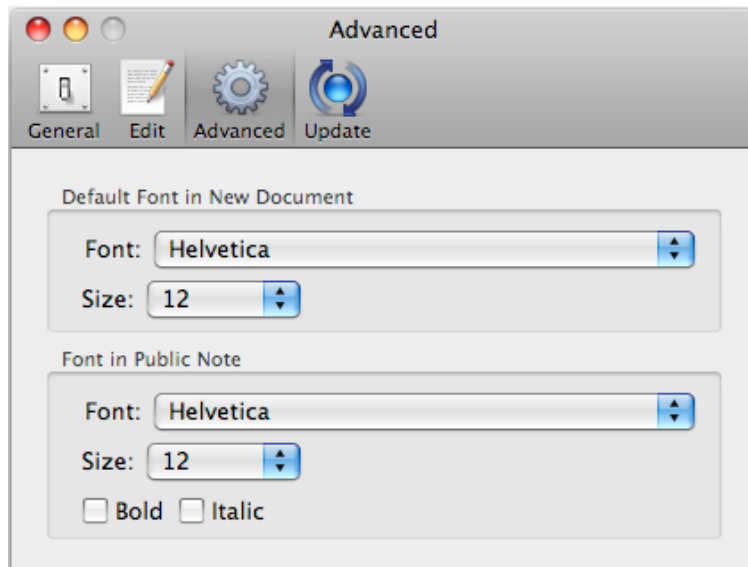
- Ruler in the document visible
- Check Spelling as-you-type enabled



Advanced

Advanced settings:

- Font used in a new opened document
- Font used to display the public note



Update

CryptoEdit can inform you if an update is available.

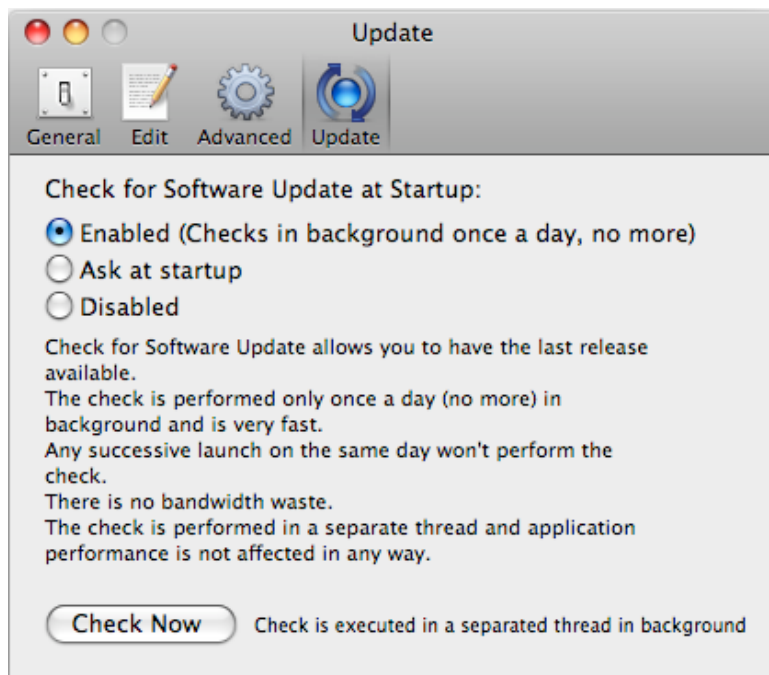
If enabled, the application will check no more than once a day.

'Ask at startup' asks you if you like to have the application check if an update is available when you start the application

'Disabled' avoids any check

When you check if an update is available, the application ping the Tension Software server and receive an answer about the last release available, the application can in that way know if its obsolete or not.

In case the application will ask you if you like to download an upgrade.



If you download the upgrade, you need to install it. A common error is to download an upgrade and install it maintaining the old application somewhere on the hard disk. Then using to open the documents sometime the old application and sometime the new one. This cause some problems*. To avoid it simply install your application in the place dedicated to it, the Application folder. When you install an update on the standard Application folder, the system will ask if you want to replace the old one with the new, answering yes will install the new one replacing the old.

*If the application says the document you are trying to open was created with a newer version of the application, probably you have two different release of the application on your Hard Disk and you are trying to open a document with the older version after having modified the document with the new one. When you receive a similar message open the about box inside the application and see if you are running the last release. In case download it, install it and USE it!

Help

CryptoEdit provides a standard help menu ...maybe you already found it! Under the help menu use the Visit Pomola.com to access our site a download the very last version of CryptoEdit and other software for Mac we make.

Licensing the program

You can use the command under the Help menu to access our web site From there you can purchase a license to use CryptoEdit using one of the payment service we provide. It easy, fast, and secure. Purchasing a license remove all the limitations inside CryptoEdit

If you are evaluating to purchase this software, consider that it is realized in Cocoa and in Objective-C, the basis of all the last generation software for mac OS X, and you can expect a long life for any products based on Cocoa. Mac OS X and the Cocoa technology are estimated to have really really long life with continuous improvements (more then the life of Mac OS Classic of around 15 years) because

Mac OS X and Cocoa are solid technologies (Mac OS classic was just a toy if confronted with Mac OS X) and new features can be added without problems as the time request them.

This software is Universal Binaries and runs native on both PPC Mac and Intel Mac.

If you decide to purchase a license, thank you for your support. When you see on the net how much quality software there is for Mac and how much software is added every day it is because users support small developers buying software.

History

CryptoEdit is a program developed in its first release in 2005 by the Tension Software using as a basis the Cocoa Library and Objective-C with Apple X Code development environment.

Cocoa is the modern, object oriented library at the core of many amazing things in Mac OS X and Objective-C, the language which make possible to access all the cool technology inside Cocoa, using an object oriented amazing dynamics paradigm.

As a result of this, CryptoEdit doesn't inherit any legacy problem, it's just a brand new application with a fast and smart interface, realized for the new and coolest OS of the new millennium, Mac OS X, with the very last technology available.

The Cocoa Environment and Objective-C were inherited by Apple from Next (as every one knows) and despite they are revisited and adjusted continuously by Apple engineer they are based on algorithm that now are used from years and proved to be rock solid and expandable (look at how many improvements was made on mac OS X from the first release without altering its solidity).

CryptoEdit uses the same engine we used for Password Repository, our program to save password encrypted, and considering Password Repository on OS X already proved to be a reliable solution, we are confident also CryptoEdit will prove the same thing when in use by Mac users around the world

The encryption mechanism used by CryptoEdit is the famous Blowfish, well know for its solidity, efficiency and difficulty to crack, implemented and accessed in C and Objective-C to obtain record performance managing encrypted data.

Support

You can also obtain support using the 'Support Email...' command. An email will be prepared using your email client with the correct address to send to.

Yes, we answer to your emails.

CryptoEdit is a Commercial Program

You can use our software for a test period of 10 days

After that you are required to buy a license to be legally authorized to continue to use our software

Licensing CryptoEdit

You can buy a license to use our software using the 'Buy License' command under the Help menu.

You will open in your browser our license web page on our web site
From there you can buy a license to use CryptoEdit using one of the payment service we provide. It easy, fast, and secure and all most important form of payment are accepted.

We carefully selected or international reseller to be sure the buying experience for our customer will be as best as possible and without any problems.

After purchase you will receive from Tension Software a license email containing your full name and a license code

Open the License dialog with the command 'license' under the 'CryptoEdit' menu and insert these data in the License dialog. The software will become fully licensed and fully enabled for future use.

Name and license code are remembered by the program and don't need to be re-inserted at successive launch.

In case you move on a new Mac you need to re-insert your name and license

The license is valid for a single Macintosh. You can purchase for two Mac as long as they are not used at the same time, as example a desktop and a laptop used by the same user.

Consideration about Licensing CryptoEdit

If you are evaluating to purchase this software, consider that it is realized using the Cocoa library (the native last generation library on Mac OS X) and in the Objective-C language (the first class language development on Mac OS X)

The two technology are the basis of all the last generation software for Mac OS X, and you can expect a long life for any products based on Cocoa and coded in Objective-C.

Mac OS X and the Cocoa technology are estimated to have a really long life with continuous improvements (more then the life of the now ancient Mac OS Classic which was around 15 years) because Mac OS X and Cocoa are solid technologies (Mac OS classic was just a toy if confronted with Mac OS X) and new features can be added without problems by Apple when they are required.

It was not so easy with previous generation of OS.

In our opinion the Cocoa technology will live and grow for many decades from now, so Cocoa based software are today the best way to go if you have to select software to use.

If you decide to purchase a license, thank you for your support.

When you see on the net how much software there is for Mac and how much software is added every day, it is because users support small developers buying software and because the Macintosh software ecosystem it's really a great place to work due to the incredible success the Macintosh has today and the common feeling of the community (we use the Mac because we love doing things in a smart way).