

# SubEthaEdit

Collaborative text editing. Universally.



## SubEthaEdit

*Collaborative Distributed Editor*

### What is it and why would I want to use it?

SubEthaEdit allows more than one person at a time to simultaneously type and see what others are typing on the same document! What makes it amazing is that you can type on the collaborative document without locking parts of the text for the other participants.



SubEthaEdit is a collaborative text editor that allows users to share documents either on a local network with Rendezvous or on the Internet. Next time you are at a conference or meeting taking notes, do it as a real-time collaborative team. As each person edits the same document, the edits “wink” in and out with changes.

Participant’s color-coded edits are shown on the collaborative interface making it easy to see exactly who is writing what.

In a nutshell, SubEthaEdit allows for simultaneous collaboration of document creation, editing, and production on a local network (Rendezvous/Bonjour) or on the Internet.



+



=



## What type of software is SubEthaEdit?

SubEthaEdit is Freeware NOT Open Source.

It was developed by a group of students at the Technical University of Munich who refer to themselves as *The Coding Monkeys*.

**Downloading SubEthaEdit:** You can download SubEthaEdit from the following web site

<http://www.codingmonkeys.de/subethaedit/>

## What platforms are supported?

- Mac OSX only- no plans for PC
- Relies heavily on Coco Framework
  - Rendezvous (now Bonjour)
  - Apple Address Book
  - Some networking code

Apple's page about Bonjour

<http://www.apple.com/macosx/features/bonjour/>

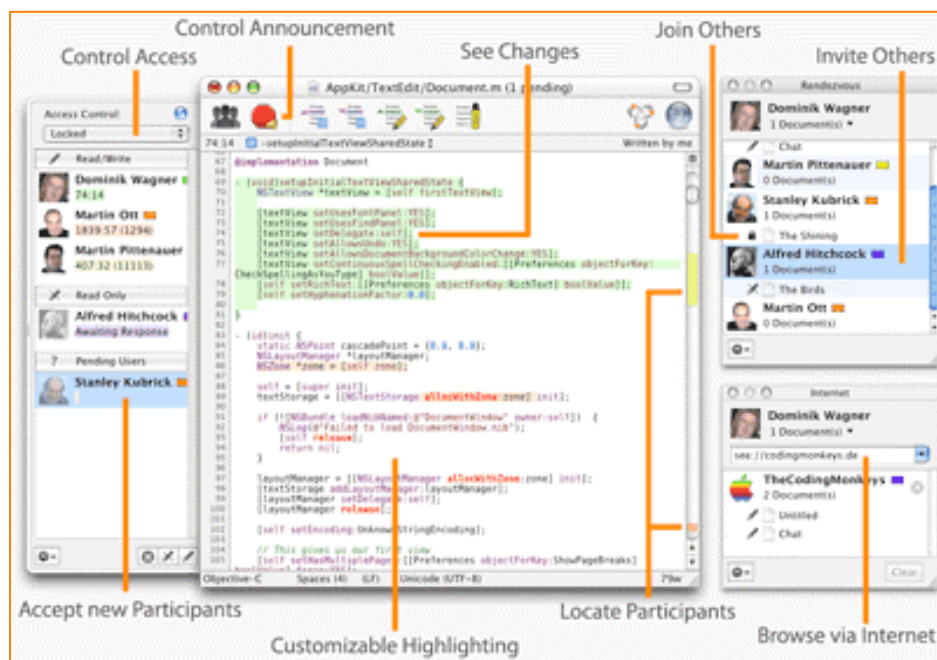
Apple's page about Rendezvous

<http://www.apple.com/au/macosx/10.2/rendezvous.html>

## International Collaboration:

While SubEthaEdit is for OSX only, it is available in Russian, English, traditional Chinese, Japanese, Korean, German, French, Danish and Catalan.

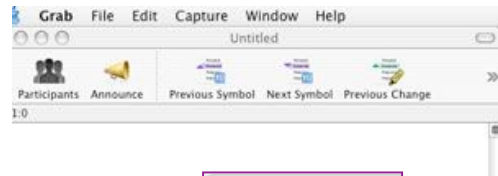
## SubEthaEdit Interface:



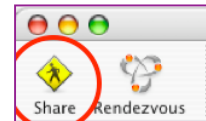
# Step Guide for SubEthaEdit basics!

## Sharing a document with SubEthaEdit!

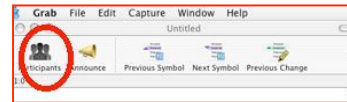
1. You will need at least two Macintosh computers running at the same time. Both need to have SubEthaEdit already loaded (see above for download address).
2. Start program: Open SubEtha Edit and create a new document. It will automatically open in a new document or you can go to FILE → NEW



3. **Share a Document:** Choose “Share” by either going to FILE → SHARE or click the “SHARE” button in the document toolbar.



4. **Add collaborators/participants:** Click on the PARTICIPANTS icon in the document toolbar.

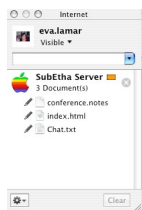


- a. This will open a “Participants drawer” at the side of the document.
- b. If a user wants to join in the collaboration, their name and image will appear in the participants’ drawer as a ‘pending user’. If their name is in your Address Book, their picture will be updated to the picture store in your address book.
- c. If you want the pending person to participate, click the “check” symbol signally that you have accepted the participant.
- d. If you do not want a person to participate, select the “x” symbol and the person receives a message that they have been “kicked” or disallowed from participating.

5. **Connecting to a shared document:**

- a. **Joining via Rendezvous/Bonjour:**

- i. Choose Rendezvous/Bonjour for sharing on a local subnet. You can only share on your local subnet, not on the Internet with this choice.
- ii. Watch for a **firewall- port 6942 must be open (see firewall section below)**
- iii. In the open SubEthaEdit program and click the Rendezvous/Bonjour button on the document menu.
- iv. Once you select Rendezvous/Bonjour you will see a window with shared documents.
- v. Click on the document’s name, **then click on JOIN.(clicking on the person’s name will not work for joining a document)**
- vi. If the host has “Access Control” enabled, you will see a “status request” icon. If the host allows access, the icon will change.
- vii. You can start typing on the document.



## b. Joining on the Internet (not a focus for this tutorial)

- i. With SubEthaEdit open and running, go to FILE → JOIN VIA INTERNET option
- ii. Type in the IP address or hostname in “Connect to Server” dialogue.

## 6. On the Cool Tool side:

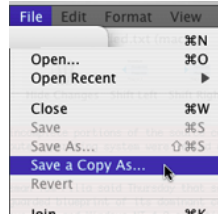
- a. **Invite** others to a shared document via e-mail or chat by dragging the small globe in the upper right corner of the participant’s drawer to your e-mail or chat program and send a message.
- b. **Visible vs. Invisible.** If you want others to be able to invite you, choose "Always Visible" in the context menu below your name in the Rendezvous Browser. If you need some privacy, choose "Visible if announcing documents".
- c. You can **link** to SubEthaEdit documents on your web site by doing the following: `<a href="see://hostname/document.txt">` on your website.
- d. To **preserve colors and style** of copied text (e.g. to paste it into a RTF document), use the "Copy with styles" command in the Edit or context menu.
- e. **Read only access** for shared documents: If you don't want people to change your text but give them a glimpse at it, set them to read only. This way they can see your text but can't change it.
- f. **Block edit** You can edit multiple lines at once by holding `⌘` (option) and selecting an area. Click inside and edit. To stop blockedit click outside the highlighted area. You can also press `shift-command-B` to blockedit the current selection. Visit a movie tutorial for more help at:  
<http://www.codingmonkeys.de/subethaedit/goodies/blockedit.mov>

## 7. “Unsharing a Document” – You can stop sharing a document in SubEthaEdit

- a. Go to the document menu and select: FILE → ACCESS CONTROL → and choose one of the 3 options (read/write, Read Only, Locked). You can also do this through the Participants window by either dragging the name/image down to the “Read Only”

- b. The participant will receive a message that the document has been “unshared” and all changes made from that point forward would not be reflected in the document. The participant MAY still save the document as it exists in the participant’s window.

**8. Saving Shared Documents: Saving documents is not as straight forward as**



**working with most text-editing programs. It is not a simple “save” each time.**

- a. You must choose to “SAVE a Copy As” from the FILE menu.
- b. Rename the shared document EACH time you save it (thus, you can save different versions of the

shared document)

**9. Know your Icons**

- a. **Status Shared** (blue house)- the shared document
- b. **Status Connecting** (green (<>))-access has been accepted for sharing
- c. **Status Connected** (blue <>)-a new window opens
- d. **Status Requesting** (yellow <>) Requesting access to shared document
- e. **Status Denied** (red -)- access has been denied to shared document



**10. Know your SubEthaEdit Preferences**

- a. Go to the SubEthaEdit preferences and choose options by page:
  - i. **General:** Choose your name, AIM, and e-mail, color assigned to your edits, selection/cursor color, changes to document, highlighting option, and whether to open a new document at startup.
  - ii. **Editing:** In the “View” section, choose your choices for highlighting syntax, brackets, line numbers, showing invisible characters, wrapping lines by word or character, and the dimensions of new windows. In the “edit” section choose if you want the editor to use tabs, tab widths, and indenting new lines. In the “file” section choose default encoding and line endings. The final option is whether or not to apply any changes you have made to the preferences to the open documents in SubEthaEdit.

**11. Dealing with Firewalls**

- a. Port 6942 must be open for SubEthaEdit to work on a local network. To do this:
- b. Create a “New Firewall Configurations” by going to “SYSTEM PREFERENCES” → SHARING → FIREWALL → and create a new firewall configuration.
  - i. Name the “Port Name” to ‘other’
  - ii. Set the “Port Number, Range or Series” to 6942
  - iii. Type in the “Description” → ‘SubEthaEdit’
  - iv. Click “OK”

## 12. Getting HELP!

- a. SubEthaEdit built in Help option- Go to the document window menu and select HELP (last drop-down menu option on the right). You can type in questions and look for answers.
- b. Online support at the office website:  
<http://www.codingmonkeys.de/subethaedit/>
- c. Listserv option: