**Steganography Demo**

To try this demo you need a Windows 98/Me/NT/2000/XP/Vista computer. Please follow the instructions below.

1. Download and save the zip file containing the [steganography tools and image files.](http://www.cs.vu.nl/~ast/books/mos2/steg.zip)
2. Unzip the file *steg.zip* into an empty directory. If you do not have the *unzip* program already, you can get one [here](http://www.pkware.com/shareware/pkzip_win.html) .
3. Put a shortcut to *S-tools.exe* on your desktop by dragging it from Windows Explorer.
4. Drag the *zebras.bmp* file to your desktop. Do not make a shortcut. The file itself must be moved there.
5. Start *S-tools.exe* by double clicking on the icon on the desktop. A window will appear.
6. Drag the *zebras.bmp* file to the S-tools window.
7. Right click on the zebras pictures and select Reveal from the menu.
8. Fill in the 3-character pass phrase 'abc' (without the quotes) in two places. Leave IDEA as the encryption algorithm. Click on OK.
9. Wait until the Revealed Archive dialog box appears. This may take a minute or two.
10. Right click on any item and select Save As to save the file. Repeat for the other ones. These are the hidden files.
11. The file *original-zebras.bmp* is the file before the steganography was done, in case you wish to compare the 'before' and 'after' images.

|  |  |
| --- | --- |
| http://www.cs.vu.nl/~ast/books/mos2/zebras.jpg | Note: The image at the left has been compressed for quick downloading of this page. It does not contain any secret messages so do not download it unless you really like zebras or [my photography](http://www.cs.vu.nl/~ast/photos/) . |

Put a shortcut to **S**-**tools**.exe on your desktop by dragging it from Windows Explorer. Jump to text »

Start **S**-**tools**.exe by double clicking on the icon on the desktop. ... Jump to text »