

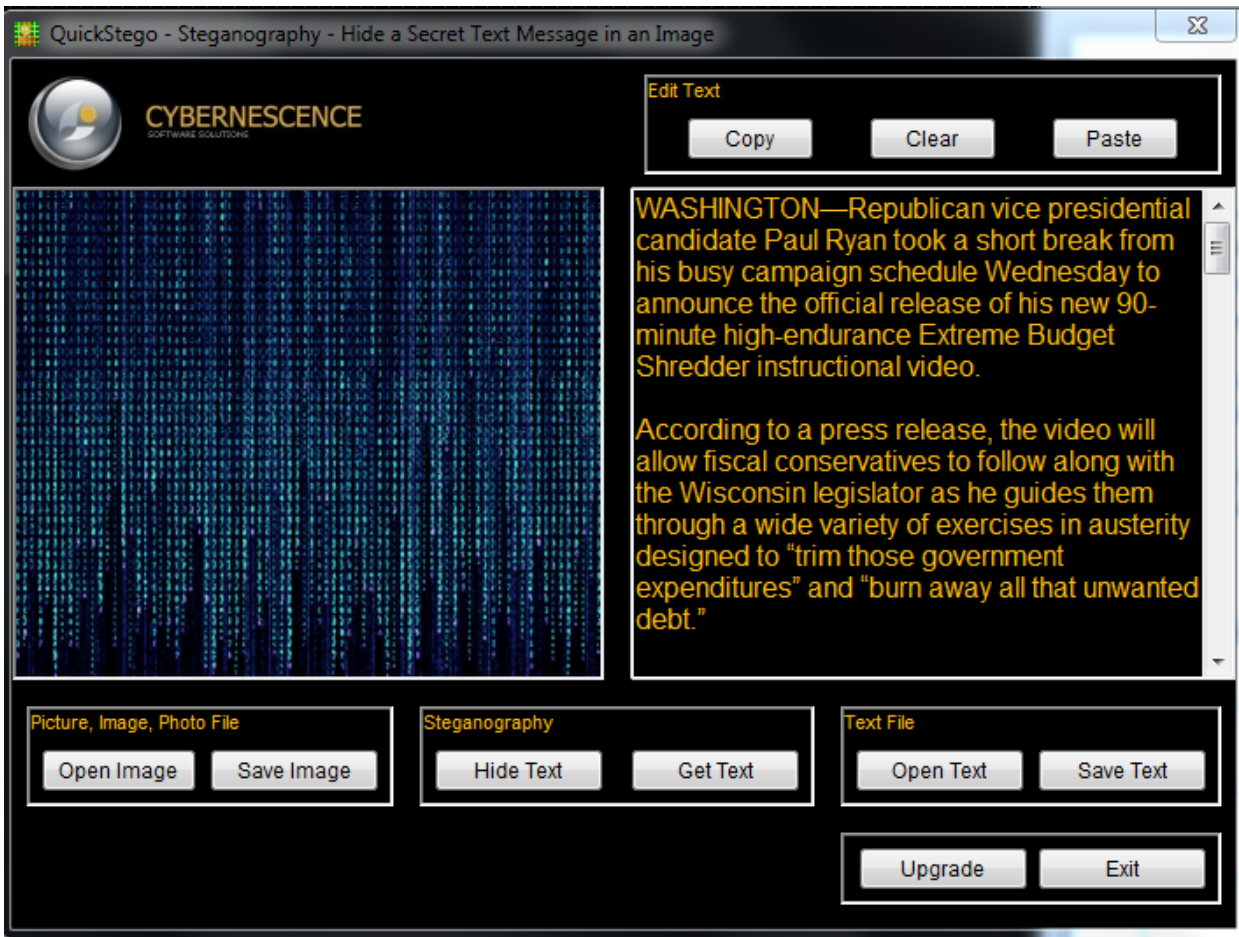
Hide a file in another file

For this assignment you will be using steganography software to hide files inside of images, or other files. There are a few programs already installed on your computer that you can use in the C: Forensics Files folder that use images to hide other files: jpgx, JPHide/Jphswin, S-Tools. There are many more other tools that can be used. Some of these use mp3 file or video files as the container. Use 5 different container files, 5 different hidden files, and upload both the original files and the combined files. Fill out the table below for reference.

Neil F. Johnson has a listing of 105 different tools at <http://www.jjtc.com/Steganography/tools.html>. Some of these tools are on the G: drive (if not, remind me to put them there)

Container File		File you are going to hide		Merged File			
Filename	File-size	Filename	File-size	Filename	File-size	Software used (Use 5 different programs)	Instructions on how to extract the file. This may include passwords
1351730930_bluematrixcode_3_268120.jpeg	1.26MB	paulryan.txt	8.00kb	BinaryRyan.bmp	7.32MB	QuickStego	Just open with Quick Stego
635.jpg	52.6kb	CowBoy.txt	4.00Kb	WashCow.jpg	56.0	Isecrets2	Password=CowBo
CC.jpg	104kb	MockingCells.txt	8.0kb	Cancer.jpg	104kb	Data Stash	Password=Cell
Disney.jpg	80.0kb	Weird.txt	4.0kb	FUNNY.jpg	668kb	Cryptapix	Password=starwars
Mom.bmp	56.0kb	Crane.txt	4.0kb	Mom.jpg	56.0kb	StegoMagic	Password=Craine

Upload this report and the files you created when you are done. It would also be nice if you would upload the program executable that you used, if you downloaded a new one, so that I can put it on the G: drive for the other students.



Edit Text

Copy

Clear

Paste

WASHINGTON—Republican vice presidential candidate Paul Ryan took a short break from his busy campaign schedule Wednesday to announce the official release of his new 90-minute high-endurance Extreme Budget Shredder instructional video.

According to a press release, the video will allow fiscal conservatives to follow along with the Wisconsin legislator as he guides them through a wide variety of exercises in austerity designed to "trim those government expenditures" and "burn away all that unwanted debt."

Picture, Image, Photo File

Open Image

Save Image

Steganography

Hide Text

Get Text

Text File

Open Text

Save Text

Upgrade

Exit



Invisible Secrets 2002



Step 4: Unhide / Decrypt Data

Select the destination folder:

C:\Program Files (x86)\Invisible Secrets 2.1\decrypt

Check the files you want to decrypt and/or unhide:

☒ Cowboy.txt

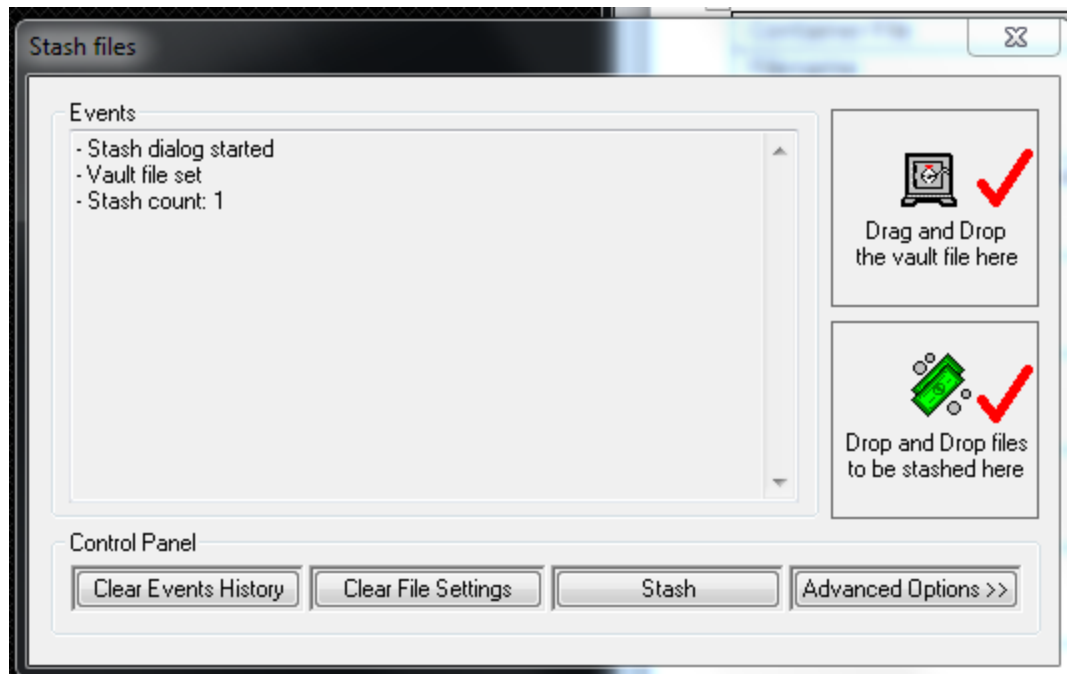
☐ Keep original path

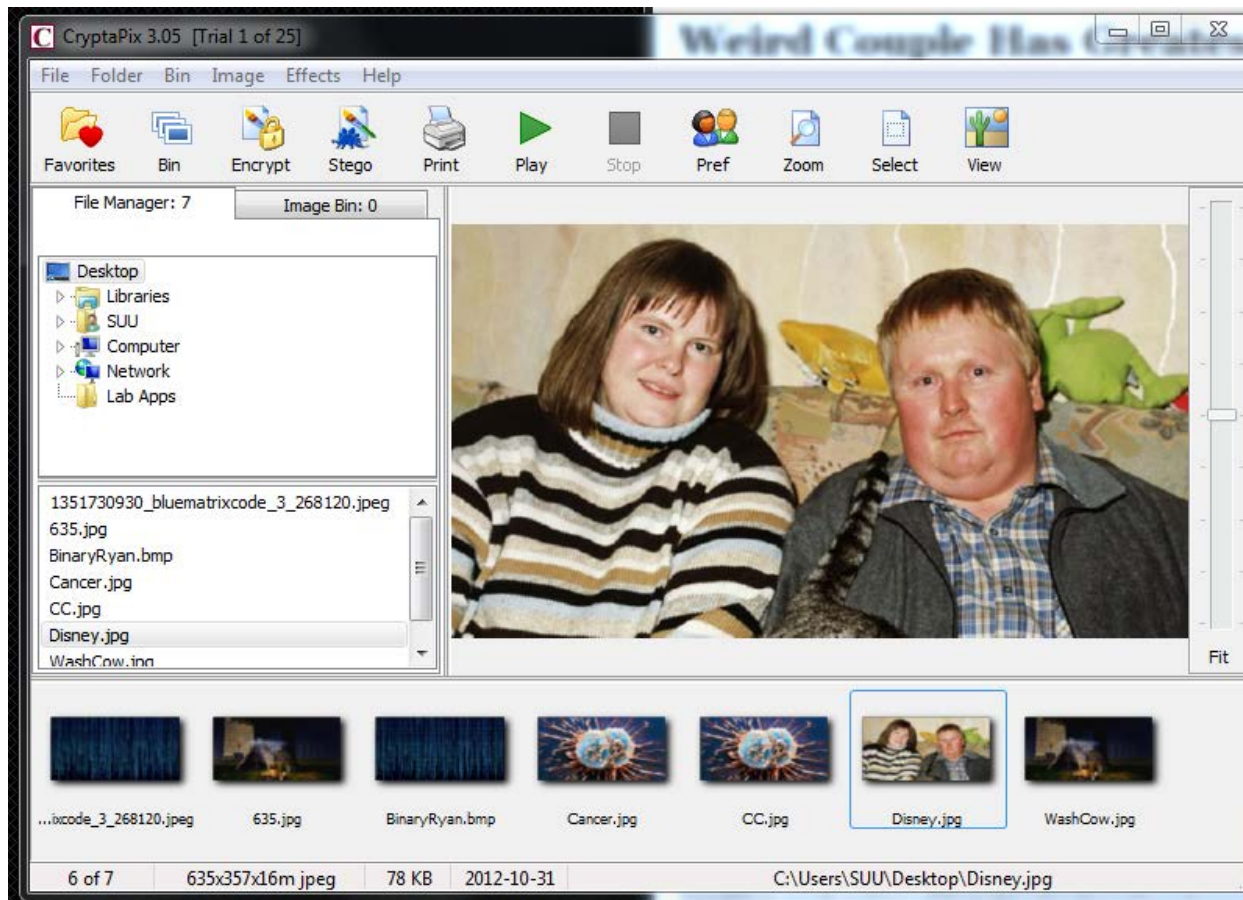
www.invisiblesecrets.com

< Back

Next >

Exit





StegoMagic 1.0

Hide

☐ File

☒ Message

Select Secret File (For Hiding)

Path

Browse

Enter secret message

Carrier File Type

☐ Text

☐ Wave

☒ Bmp (24 bit)

☐ Bmp (256 Colour)

Select Carrier File (For Both Hiding and Unhiding)

Path

Browse

Enter Password

Verify Password

Save Carrier File As (For Hiding)

Path

Browse

Save Secret File As (For Unhiding)

Path

Browse

Select Process

Hide

Unhide

Status:Ready

Select Task

ABOUT US

RESET

EXIT