

VECTOR GRAPHICS

BY SHADOW82



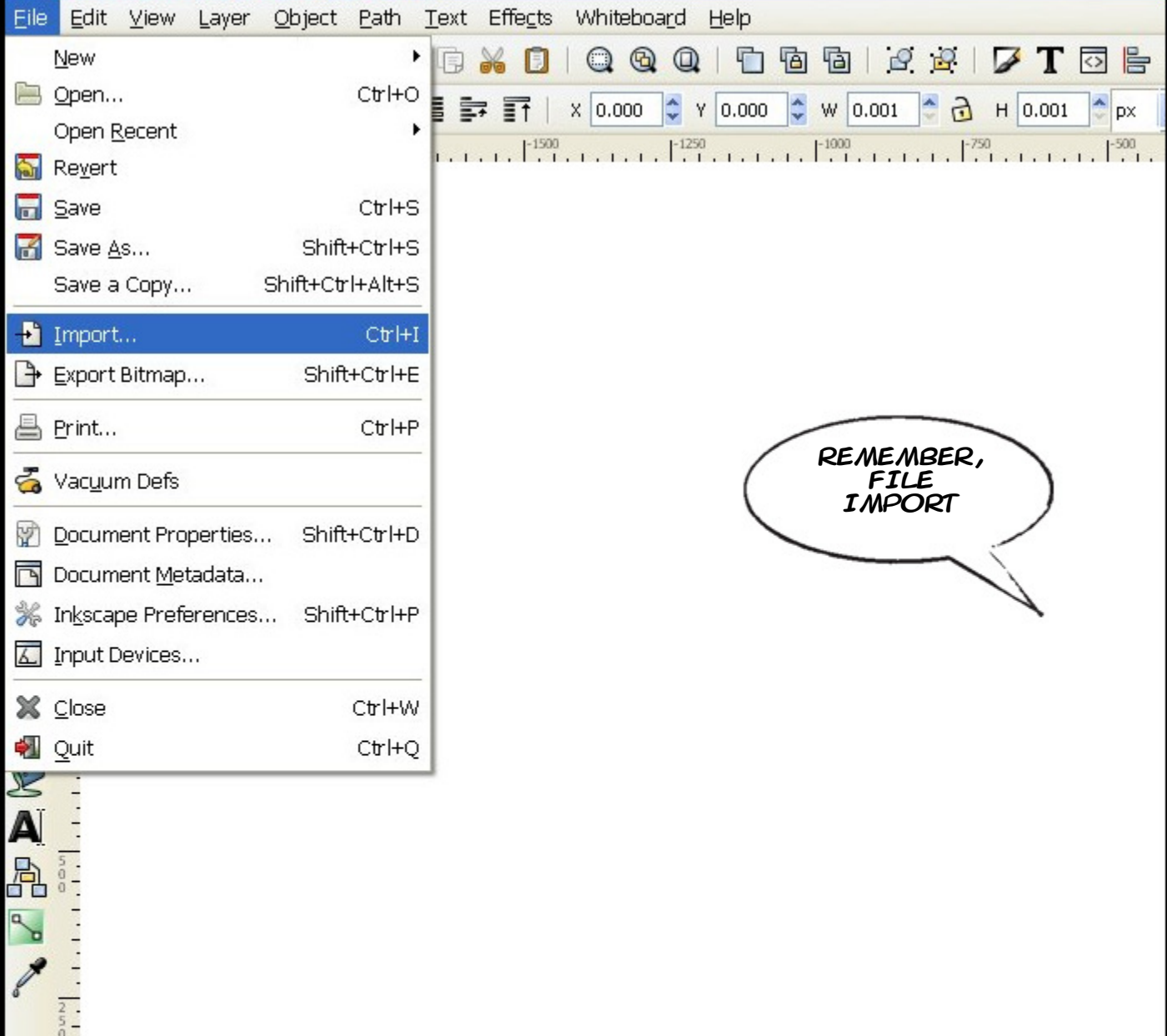
HOW TO

COPYRITE
MADARTZ
2011

IN THIS HOW TO I WILL EXPLAIN HOW YOU CAN CREATE SVG FILES FROM ANY IMAGE. MOST PLOTTERS/CUTTERS CAN READ A MULTITUDE OF FLIES AND THERE ARE QUITE A FEW OUT THERE. ONE OF THE OLDEST TYPE OF FILES FOR THIS IS THE SACABLE VECTOR GRAPHIC FILE (SVG) IT WILL WORK WITH ANY CUTTER AND SIZE OF FILE MAKES NO DIFFERANCE IT CAN BE SCALED UP OR DOWN WITH NO LOSS IN QUALITY. MANY GRAGPHIC PROGRAMES ALLOW YOU TO CREATE SVG FILES BUT THEY COST A LOT OF MONEY, THE ONE I AM GOING TO USE IS INKSCAPE IT IS NOT AS POWERFUL AS THE BIG NAME ONES BUT IT IS FREE. I WILL ADD LINKS AT THE END OF THIS FOR A FEW PROGS THAT MAY HELP WITH A FEW THINGS.

I USE SIGNCLT PRO FOR MY CUTTER IT IS A GOOD PROGRAMME FOR THIS KIND OF WORK AND FITS MY NEEDS. SO ON TO THE GOOD STUFF DOWNLOAD INKSCAPE AND INSTALL IT, WHEN YOU OPEN IT GO TO FILE, IMPORT AND OPEN THE IMAGE YOU WANT TO USE. I PREFERE TO USE GREYSCALE IMAGES JUST WHAT I AM USED TO BUT YOU CAN USE COLOUR IMAGES IF YOU PREFERE. ON THE NEXT PAGE IS AN IMAGE OF INKSCAPE.

New document 1 - Inkscape



AS YOU CAN SEE INKSCAPE LOOKS LIKE MOST OTHER GRAPHIC PROGRAMES AND HAS A LOT OF FEATURES AND LIKE I SAID ITS FREE.

Select file to import



C:\

Program Files

Inkscape

Places

Recently Used

Owner

Desktop

A:\

RUSS 300 (C:\)

D:\

RUSS 250 (F:\)

RUSS200 (G:\)

RUSS50 (H:\)

FreeAgent Drive

K:\

L:\

ink

My Pictures

Name

data

doc

etc

lib

locale

modules

plugins

python

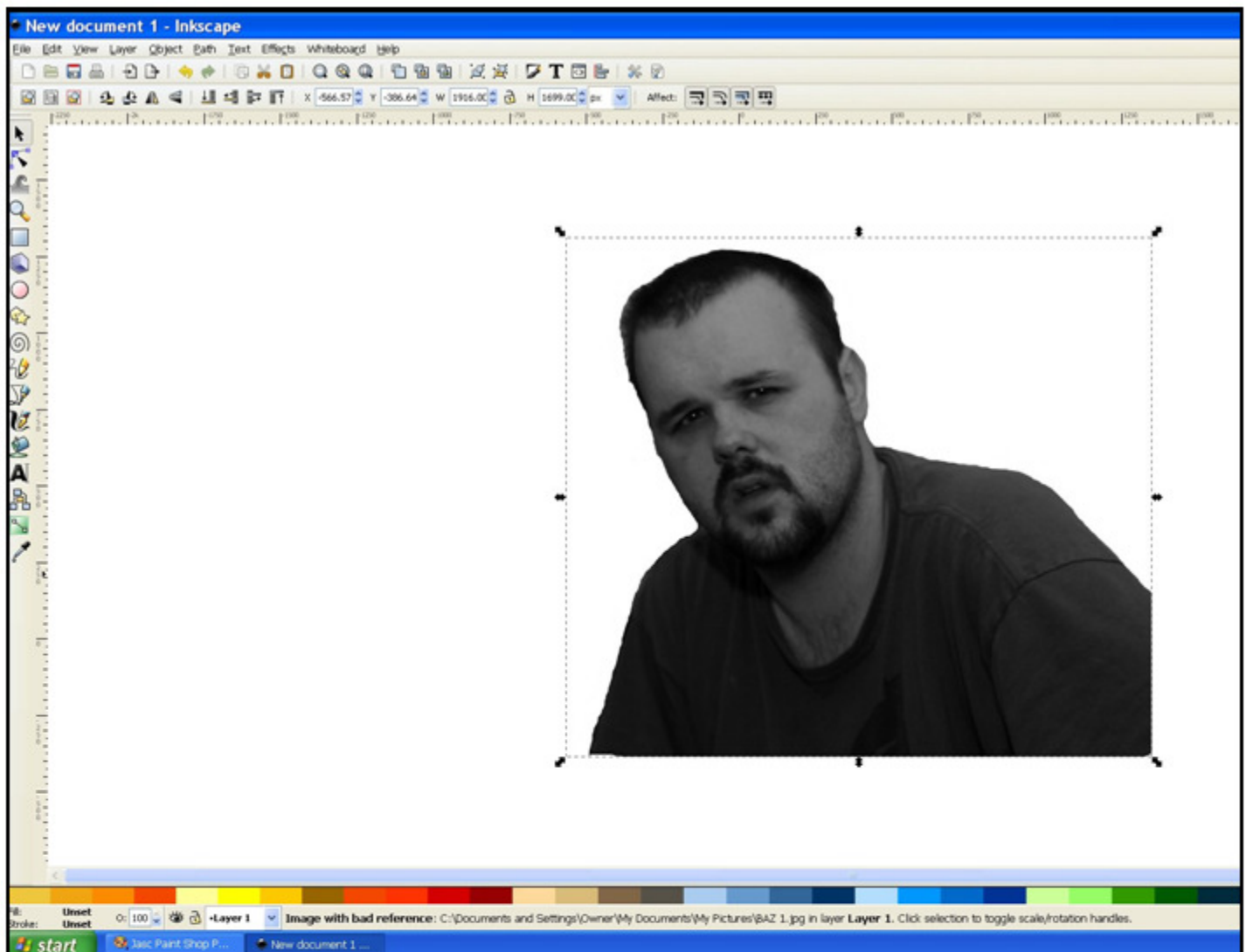
share

Add

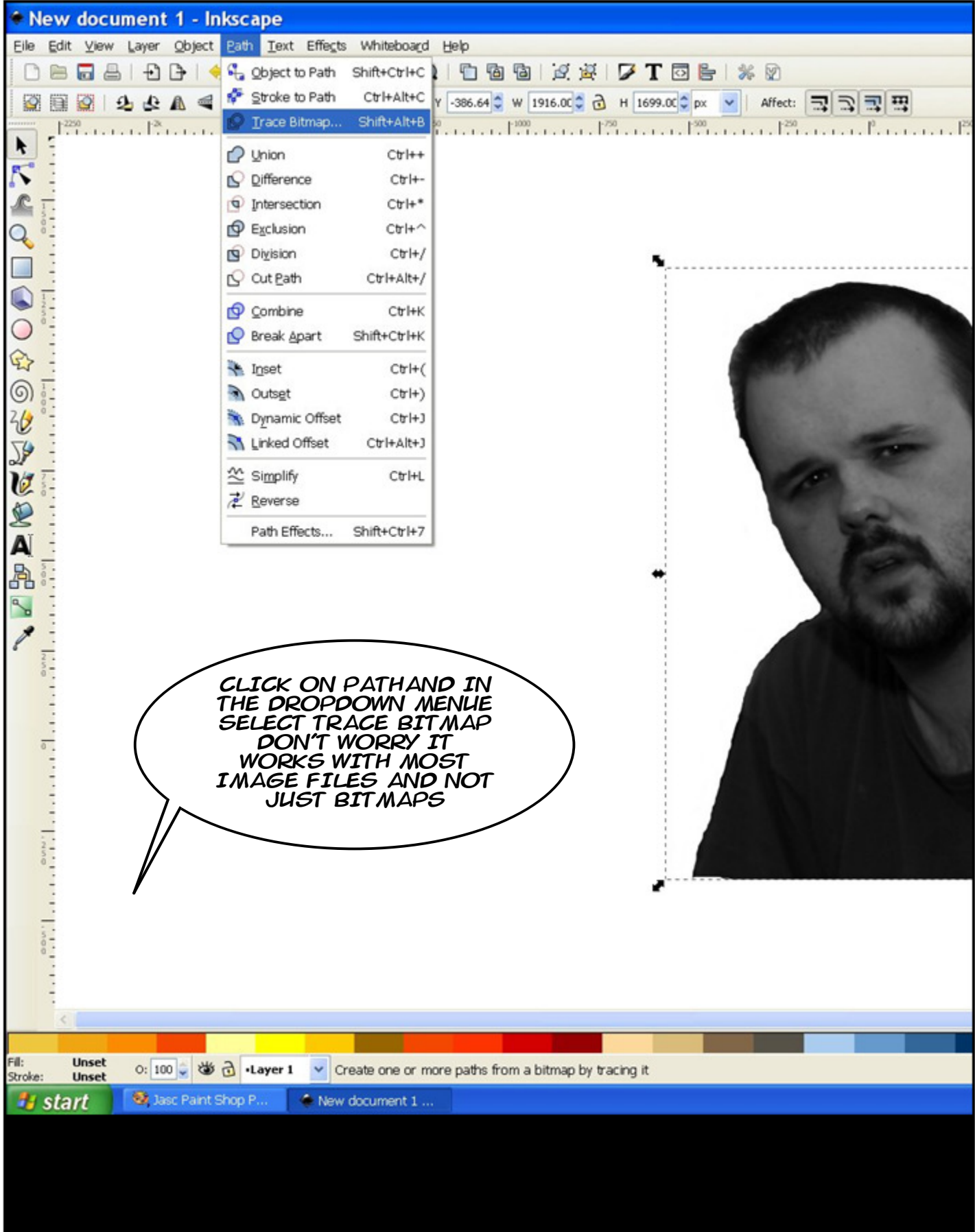
Remove

Enable preview

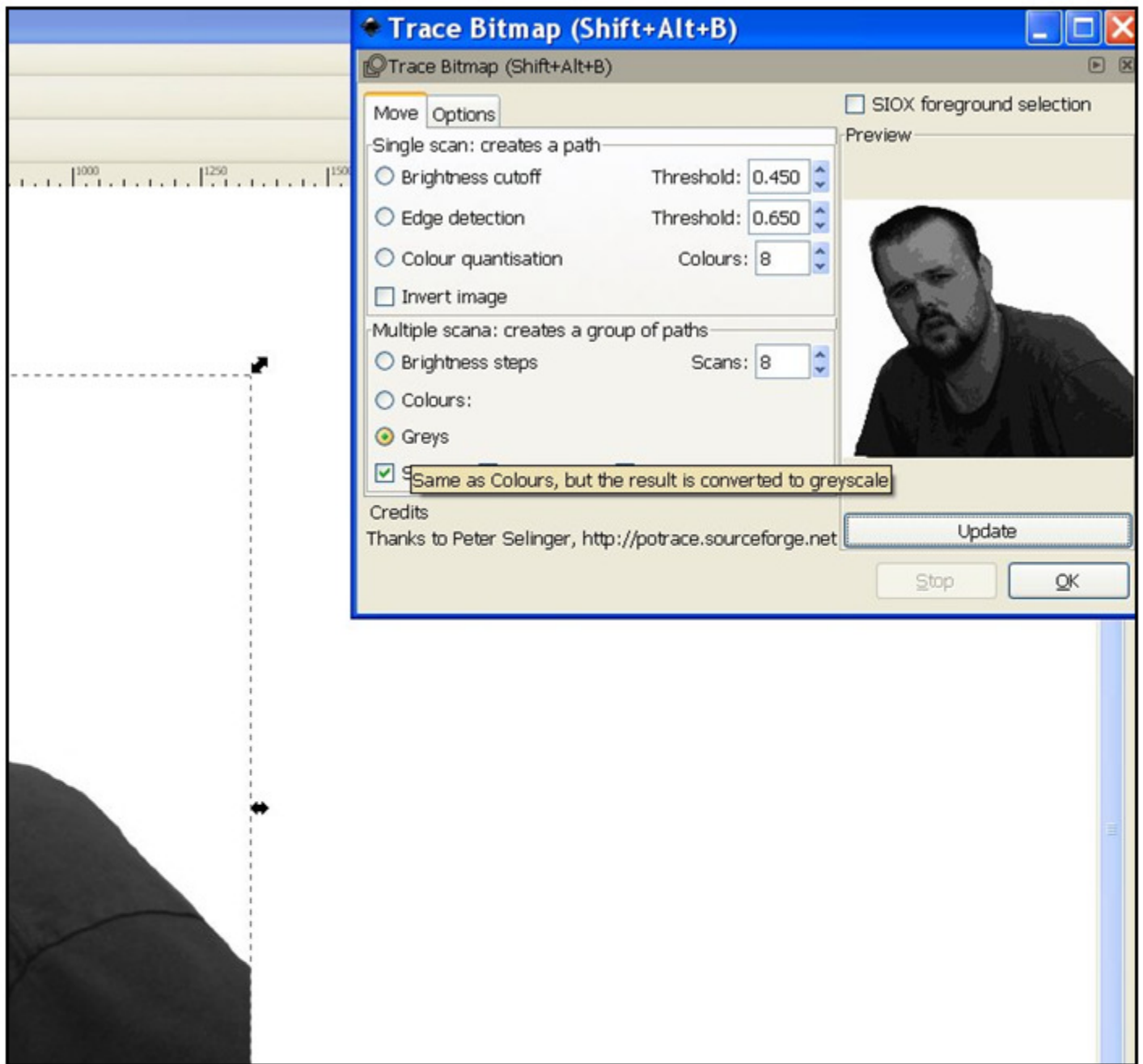
THIS IS JUST TO LET YOU SEE THE WAY INKSCAPE IS LAID OUT, AS YOU CAN SEE ALL YOUR DRIVES ARE THERE AND YOU CLICK ON THE ONE YOU WANT TO OPEN AND GET YOUR IMAGE.



SO NOW WE HAVE OUR IMAGE THAT WE WANT TO USE, I TOOK OUT THE BACKGROUND AS I ONLY WANTED THE PERSON. AGAIN I USE GREYSCALE IMAGES AS I FIND IT LETS ME SEE WHAT IT WILL BE LIKE WHEN I AM FINISHED.



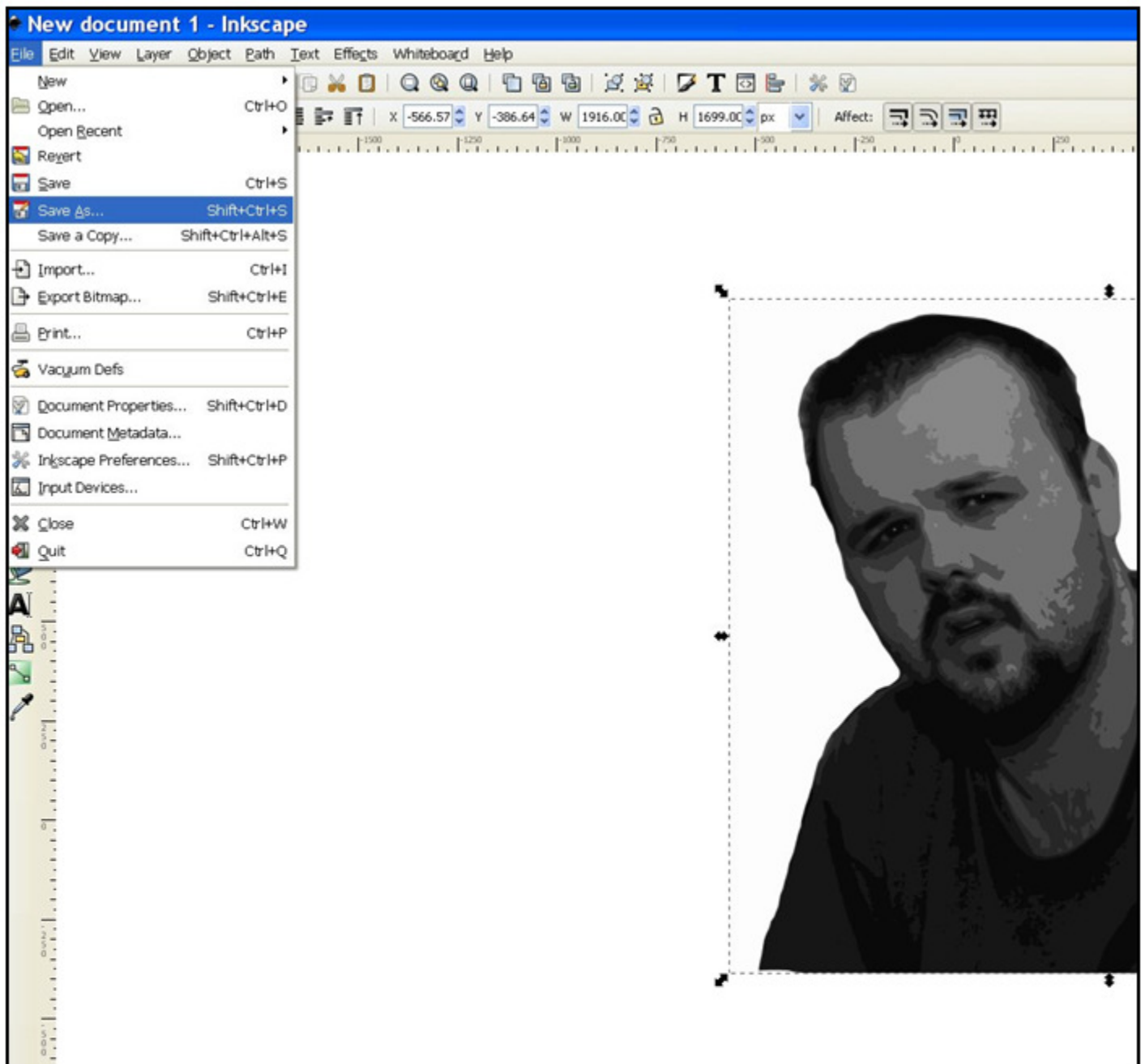
CLICK ON PATHAND IN THE DROPPDOWN MENUE SELECT TRACE BITMAP DON'T WORRY IT WORKS WITH MOST IMAGE FILES AND NOT JUST BITMAPS



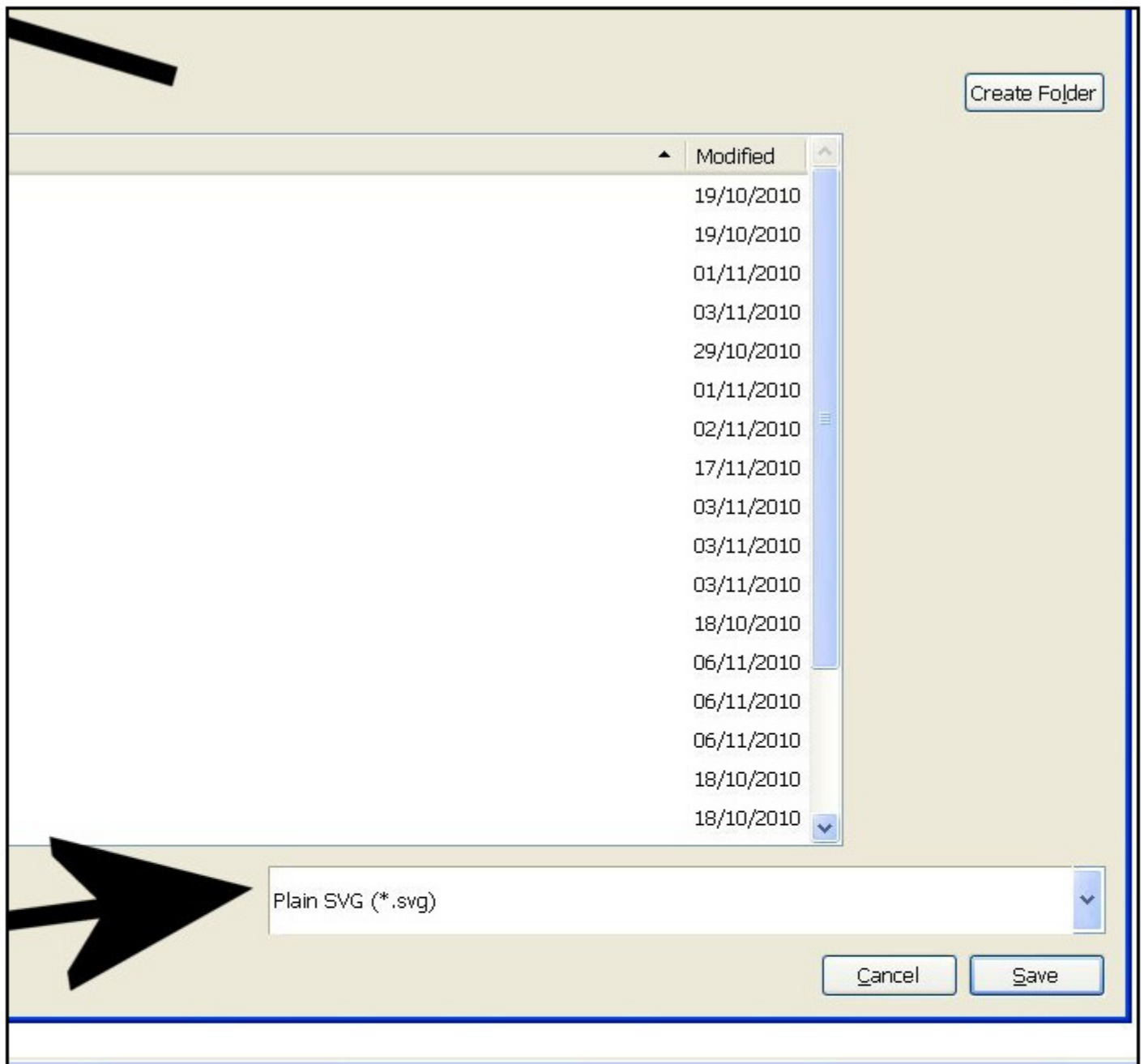
A NEW WINDOW OPENS TO THE RIGHT AND THIS IS WHERE YOU SELECT THE TYPE OF TRACE YOU WANT. I AM GOING FOR A SILHOUETTE I WILL USE THE GREYS BUTTON. THE SCANS WINDOW WITH THE 8 IN IT ALLOWS YOU TO INCREASE OR DECREASE THE NUMBER OF SCANS YOU WANT THE DEFAULT SETTING IS 8.PRESS UPDATE THEN IF HAPPY PRESS OK.



**THIS IS WHAT YOU GET WITH 8 SCANS
AND YOU CAN GET A LOT MORE BY
USING THE BUTTONS AND CHANGING THE
VALUES. THIS IS FINE FOR WHAT I WANT
SO NOW WE SAVE IT AS A SVG FILE
DONT NEED TO SAVE IT AS ANYTHING
ELSE AS MOST CLUTTER/PLOTTER
PROGRAMES CAN READ THIS TYPE OF
FILE.**

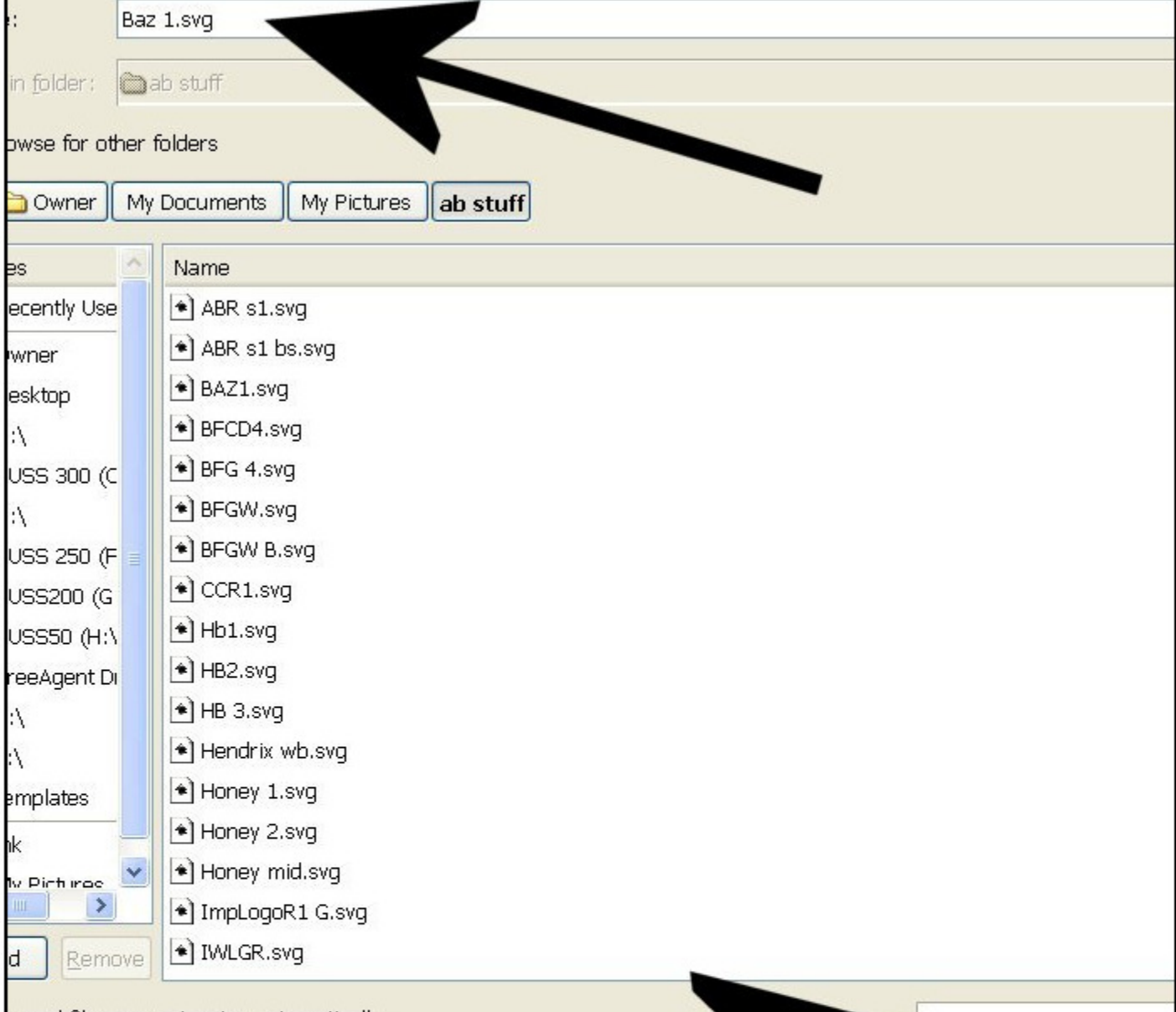


LIKE MOST GRAPHIC PROGRAMES YOU CAN SAVE YOU WORK IN VARIOUS FORMATS. HERE WE CLICK FILE THEN SAVE AS AND A NEW WINDOW OPENS.

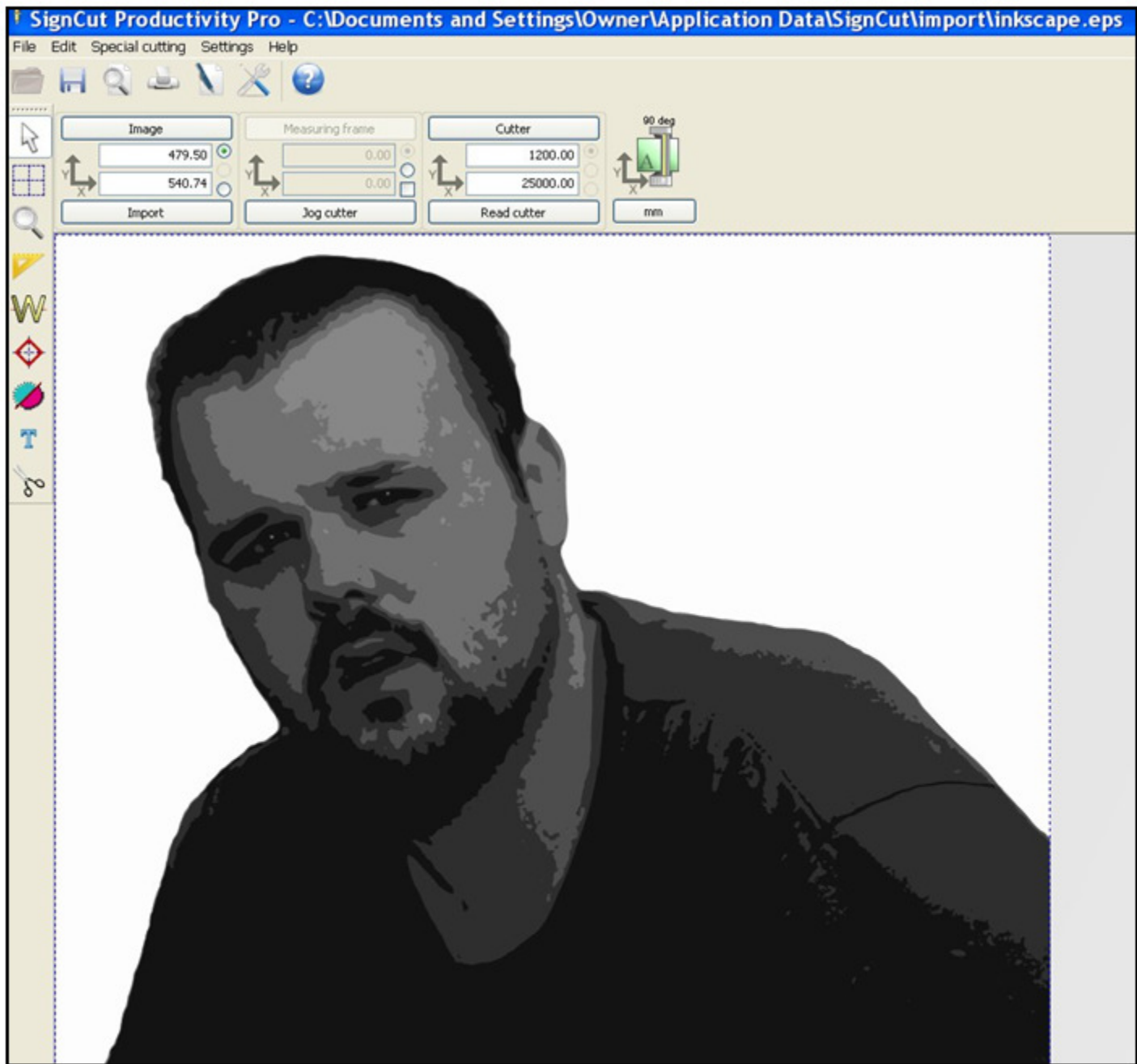


IN THE NEW WINDOW WE HAVE A DROPDOWN MENUE FROM IT SELECT PLAIN SVG ,THERE MANY OPTIONS IF YOU PREFERE TO USE ANOTHER FILE FORMAT BUT WE WILL STICK WITH THIS ONE FOR NOW.

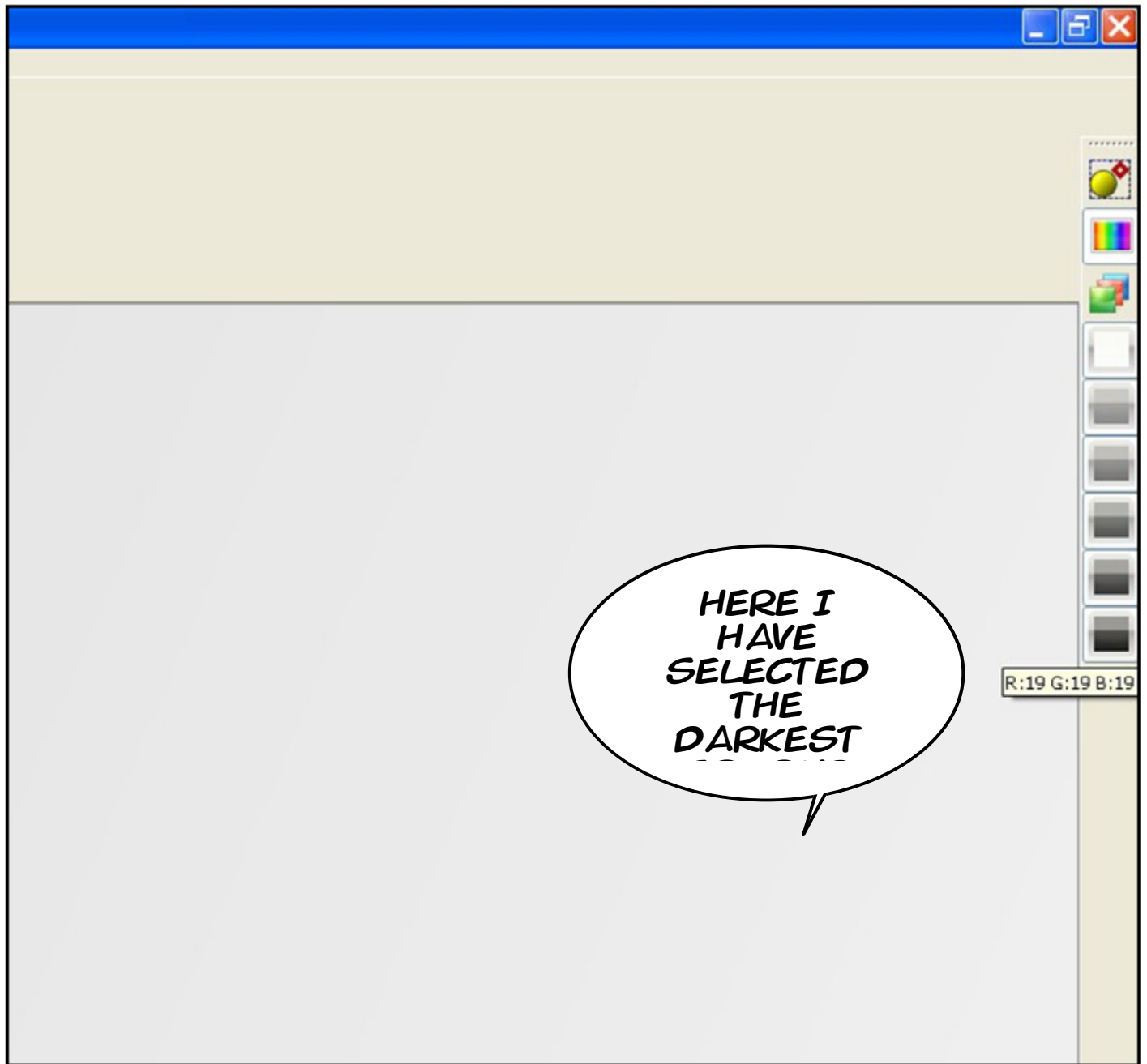
Select file to save to



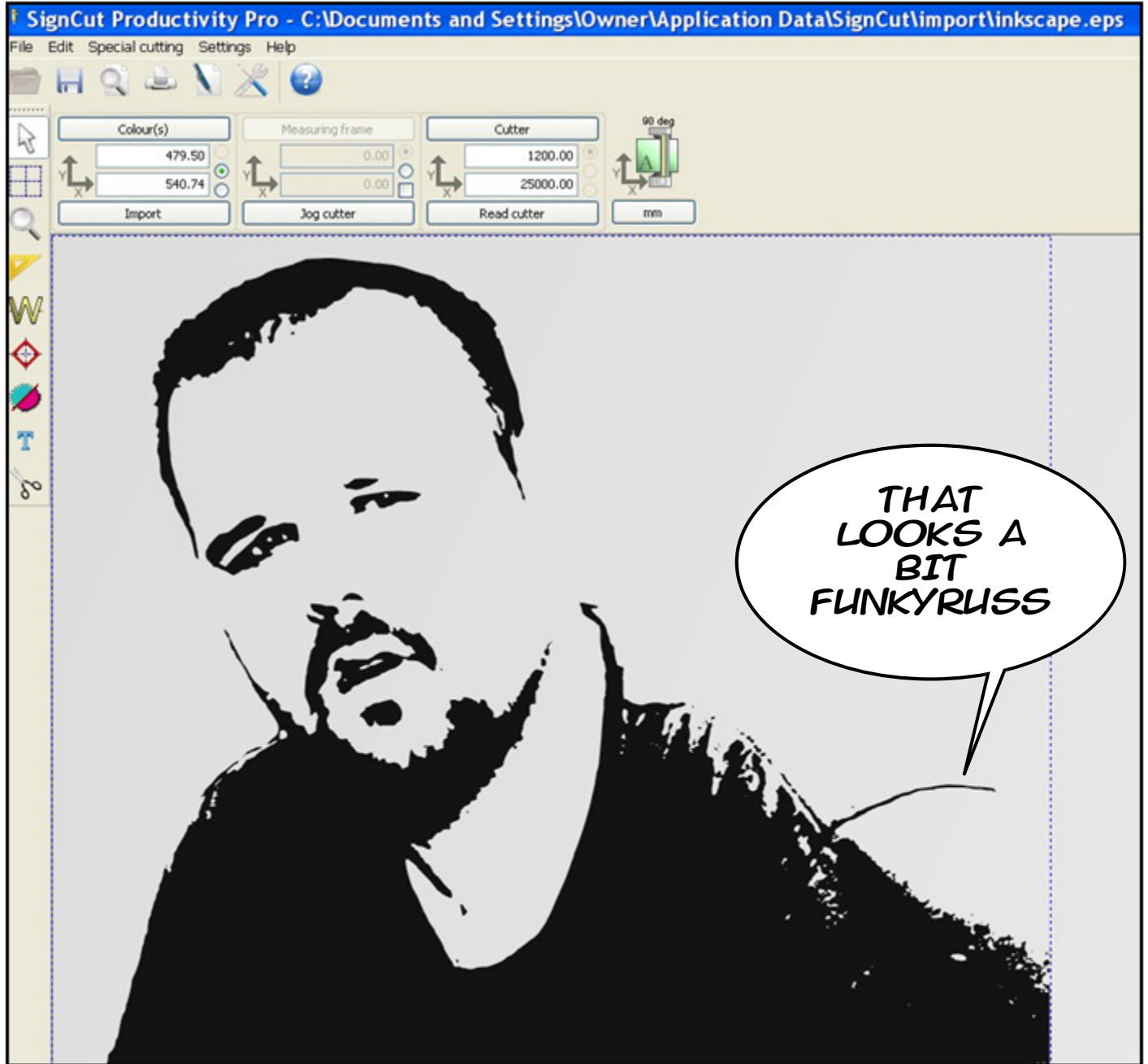
WHEN SAVING YOUR FILE MAKE SURE YOU HAVE A FULLSTOP AND THE FILE EXTENSION AFTER THE FILE NAME IF NOT YOUR CLUTTER/PLOTTER PROG WONT BE ABLE TO READ IT



LOAD YOUR NEW FILE INTO YOUR CUTTING PROGRAMME YOU SHOULD HAVE SOMETHING LIKE THIS. IT MAY LOOK A BIT FUNKY JUST NOW BUT THIS IS THE 8 SCANS THAT WE USED. I DON'T WANT TO USE ALL 8 SO I WILL SELECT THE ONE THAT BEST SUITS MY NEEDS.



MOST CUTTING PROGS WILL ALLOW YOU TO PICK A COLOUR OR SHADE THAT YOU WANT TO CUT YOU DON'T HAVE TO CUT THEM ALL. IN THE PROGRAMME I USE SIGNCUT PRO THIS OPTION IS ON THE FAR RIGHT AND I HAVE PICKED THE DARKEST SHADE WHICH IN THIS CASE IS BLACK.



THIS IS WHAT I HAVE AND WANT THE CUTTER TO CUT OUT, THE BLACK LINE ON THE RIGHT OF THE IMAGE LOOKS A BIT ODD BUT NO WORRIES I WILL CUT IT OFF WITH A RAZOR WHEN THE VINYL IS CUT, SO NOW LET THE CUTTER DO ITS THING IT ONLY TAKES A FEW MINUETS SO GO GRAB A COOL DRINK.



WELL HERE IS THE FINISHED IMAGE
DONE ON WHITE HARDBOARD 24"X18"
AND I JUST HAD ENOUGH TIME FOR A
COOL DRINK. I HAVE DONE ALMOST 30
OF THESE FOR PEOPLE AND THEY SEEM
TO SELL PRETTY GOOD, SO IF YOU HAVE
A CLUTTER THIS COULD BE ANOTHER WAY
TO BOOST YOUR INCOME HAVE FUN
RUSS.