

## Creating HTML Files for Viewing on a Designer SE

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For most people, they will not have a dedicated HTML Editor on their computer to make .html files to view on a web page or on their Designer SE.

- Most people in this situation will use Microsoft Word to create their .html files; unfortunately, Microsoft Word does not make a very good HTML Editor.

HTML files that are created in Microsoft Word do not follow standard HTML standards, and generally have a lot of redundant data inside them.

- It is this extra data that we have found prevents .html files created in Microsoft Word being viewed on the Designer SE machine.

**In order to be able to view HTML files on your Designer SE, we suggest using the following setup:**

1. Download and install the Nvu from - <http://Nvu.com/download.html>
2. Save all HTML documents in the root folder of your site, have an “image” sub-folder in the root of your file. All image files that are to be used should be placed in the ‘image’ folder.
3. All documents (HTML documents and images) should consist of one word with no spaces, accented characters or special characters. In general, only use letters, numbers and the \_ (underscore) character in the filename.
4. Filenames for HTML documents and images should be all lowercase.
5. Relative links should be used instead of absolute links.
6. For best trade-off between quality and small file size, we would suggest that you save images in .jpg format.

### Downloading/Installing Nvu

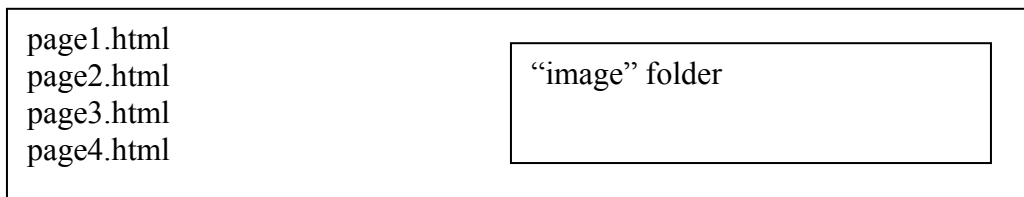
Nvu – pronounced ‘N-view’ – is an open source/freeware utility for creating/editing web pages. We cannot host the file on our intranet site, but we can provide the link to download this file.

1. Go to <http://Nvu.com/download.html>
2. Scroll to the ‘**Binaries**’ section
3. Look for a ‘**Windows full installer**’ file. This will normally take the form of *Nvu-1.0-win32-installer-full.exe*. In time, with different versions of the file, the ‘...1.0-win32...’ section will be replaced the relevant version of the file at that time.

4. Click on the link to download this file. Download it to your hard disk.
5. Double click on the downloaded file to start the installation process.
6. Follow the on-screen instructions to complete the installation.

## Folder structure and file naming

In order to be able to easily manage your files for viewing on the Designer SE; we would recommend that you save all your .html files into a main folder and have a sub-folder called “images” where you will save all your image files.



*Images for all the pages are stored in the “images” sub-folder*

### NOTES:

- Another consideration when saving files is that when using HTML is that you should not have a ‘space’ in the filename of any file that you are using. Therefore “**my designer se.html**” is not a very good idea. When using an image or html file that contains spaces, the ‘space’ character will be interpreted as ‘%20’. So, our “**designer se page.html**” will be seen within the HTML code as “**designer%20se%20page.html**” – and it will be very likely that image will not be seen on your Designer SE or the link will not work.
- It is much better to create pages that consist of only one word; “**designs.html**” would give no problems. If you really want to include 2 or more words within the filename; then separate them with the underscore character – “**my\_designer\_se\_page.html**” is a valid alternative which will be recognised by all HTML enabled devices/computers.
- Another principle to follow is to ensure that all HTML documents and images are in lowercase. Some implementations of HTML are case-sensitive; so if your links are looking for “**Page2.html**”, but the actual filename is “**page2.html**”, the link will not work. Therefore for ease of maintenance, it is better to ensure that all filenames are lowercase.

## Creating HTML files (Pages) for Viewing on Designer SE

Using NVU open source/freeware utility  
<http://NVU.com/download.nhtml>

### NOTES:

#### Links/Images – relative

When creating links or pointing to an image, relative links should ALWAYS be used.

Relative means that the path to the file that you are linking to, is shown in relation to the location of the file that you are using. Therefore, if you are pointing to an image file, the format of the relative path will be “**images/picture\_name.jpg**”. The “**images/**” relates to looking for a file in the sub-folder of the current document, and the “**picture\_name.jpg**” relates to the actual image that we would like to use.

The other form of linking that we should **NOT** use, is called *absolute*. This means that the path to a file is shown as “*file:///c:/Documents and settings/My Documents/Web site/page2.html*” or similar.

Of course, the Designer SE will not have the same folder structure and files as your normal computers, so absolute links will not work.

## Images/Pictures

Simply put, use .jpg images as they are the best overall type of image when using HTML.

## Using Nvu


**We must impress on you that we cannot offer Support on this program. The program includes an extensive Help system which we would encourage you to refer to if you need help. Below are some guidelines that we can offer when using the Nvu program.**

- For each new HTML project that you create; use the **Edit** menu -> **Publish Site Settings...** -> **New Site** method to create a new **Site**. Give the site a **Site Name**, click on the **Select Directory** button to choose the local folder that you will be working in. Do not setup a username/password for the site. Select the new site from the **Publishing Sites** list, click **OK**.
- Using Windows Explorer, create an “*images*” folder within the folder that you have just created for your Site. Copy all images that you will be using into this folder.
- Select the Site that you are using in the **Nvu Site Manager** section to the left of the screen.
- Click on the **File** menu then the **New** option. Choose the ‘*blank document*’ option from the list, and then click the **Create** button.
- Ensure that you are on the **Normal** tab; create your document – it uses the main features of text editing as most other word processors.
- To insert an image, click on the **Images** button on the toolbar (the **Image Properties** dialog box will appear), click on the **Choose File...** button to browse to the image that you require. Select the **Don't use the alternate text** option. Click **OK**. *Whenever using images always make sure the URL is relative to page location is checked.*
- To create a *link*, select the text that you would like to use as a link. Click on the **Link** button (the **Link Properties** dialog box will appear), click on the **Choose File...** button to browse to the .html file that you will be linking to.
- When you have finished marking your Site; open Windows Explorer to the location on your hard disk of your Site. Then copy your site folder (and sub-folder[s]) to your **Designer SE USB Embroidery Stick** for viewing in your Designer SE.

## Viewing .html files on Designer SE


To view your .html files on your Designer SE, simply click on the ‘File Manager Folder’,



then click on the ‘USB ’, and then browse to (and open) the relevant .html file (the one you created inside your main folder).

Of course, prior to possibly distributing any .html files; it is essential that you test all links and images are shown correctly in the Designer SE.

**Step-By-Step Instructions, by Janie Lantz©:****STEPS for creating a main folder:**

1. Open Windows Explorer.
2. In My Documents, create a “main folder” (File / New Folder). Type a folder name (all in lower case, no spaces, use only letters, numbers, and the underscore \_) for the folder, something easily recognized when viewing a CD, floppy, or USB Embroidery Stick through File Manager  on the Designer SE. (EX: lessons1 )
3. Inside the folder you just created, make a second folder. Name this “images”, again all lower case, no spaces.
  - Copy all images you will use for your HTML pages into the “images” folder.
  - Be sure all images are either GIF, JPEG, BMP, OR PNG . If your images give problems when viewing on the Designer SE, try using just GIF files.
  - Be sure the file names are all one word, and use only letters, numbers, and or underscore.
4. These two folders will be used to hold the HTML pages and their images.
  - You will want to create separate sets of folders if you are creating different sets of web pages.
  - For example, you might want one main folder to hold all the pages of a bio, and a different main folder to hold the tutorial for embroidering cutwork, etc.

Each main folder needs its own “images” folder to hold the images for that set of HTML pages.

**Step-by-step to creating HTML files:**

1. Open NVU software.
2. Select Edit / Publishing Site Settings.
  - Type a name in Site Name (all one word, lower case, letters/numbers/underscore only).
  - Click the Select directory button.
    - Browse to the “main folder” you created in the steps above.
    - Click on the folder name to select with highlight.
    - Do not enter data in Username or Password.
    - Click OK to accept the folder selection.
  - Click the New Site button to add the Site to the Publishing Sites list.

- Click the New Site button.
  - Click the name of the site you just created.
  - Click OK.
3. In the NVU Site Manager frame, click on the site name you just created.
  4. Click File/ New.
    - Choose Blank Document. Don't choose any other options.
    - Click Create.
  5. Select the Normal tab at the bottom left.
  6. Save the file initially (Save icon, top toolbar) to create an HTML file name, so you will be able to link images in step 8.
    - **Be sure to follow the guidelines on file names, using one word, no capitals, and no spaces, use only letters, numbers and/or underscores.**
    - Save the file name into the "main folder" you created initially in Windows Explorer.
  7. Create text in the document as you would in most word processing.
  8. To insert an image, click the cursor in the place you want to view the image.
    - Click the Image icon on the top toolbar.
      - The Image Properties dialog box will appear.
    - Select "Don't Use Alternate Text".
      - Select Choose File.
        - Browse to the image you wish to use, being sure it is inside the main folder/ images folder you just created. Remember, you must use GIF, JPEG, BMP, OR PNG . I had the most success with GIF files.
        - Be sure File Types says All Files or Images.
        - Click on the file to select it, then click Open.
      - Select the Link Tab.
      - Select Choose File.
        - Make sure Files of Type is HTML.
        - Make sure there is a check beside "URL is Relative to Page Location".
        - Select the HTML document that you saved initially (you may need to browse to it), so the picture will link to the correct file.
  9. Continue inserting text and images. Save often.
  10. When complete, open Windows Explorer.



**VIKING**

Copy the entire main folder and all its contents to the USB Embroidery Stick or other media to be used in the Designer SE.

11. Load the HTML file through the File Manager, as you would any design.