

Pegasus Account

User Guide



University of Central Florida
UCF Service Desk

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Pegasus Username and Password

The Pegasus server is used by employees and student organizations to host their websites.

If you do not know your Pegasus username or password, you can contact the UCF Service Desk at 407-823-5117. Registered Student Organizations will need to have their faculty sponsor contact the UCF Service Desk.

Before You Start

Software

You will need to have a client downloaded and installed that handles SSH connections.

- Programs commonly used include SSH Secure and PuTTY.

Pegasus Information

- Know your Pegasus username and Pegasus password
- Server/hostname : pegasus.cc.ucf.edu
- Your website address will be
<http://pegasus.cc.ucf.edu/~yourPegasusUsername>

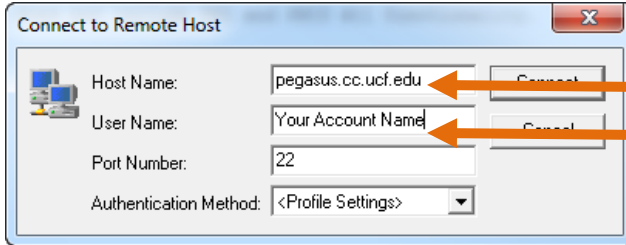
Website Files

- Your home page file must be named **home.html**
- Individuals/RSOs are responsible for the creation and maintenance of webpages

Note: This guide uses SSH Secure screenshots. If you are using PuTTY or another client please be sure to consult the software documentation for your program to get the specific instructions needed to complete the tasks below.

Signing on to Pegasus

Open your client and connect to the Pegasus server.

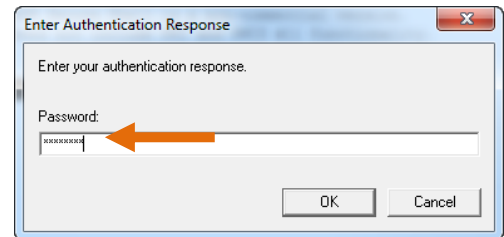


Hostname: **pegasus.cc.ucf.edu**

User Name: **Your Pegasus account name**

If the system asks if you want to save the new host key for the host “pegasus.cc.ucf.edu”, click **Yes** to continue.

When prompted for your password, enter **your Pegasus password**.



The system should sign you in and display the command prompt as “pegasus%”

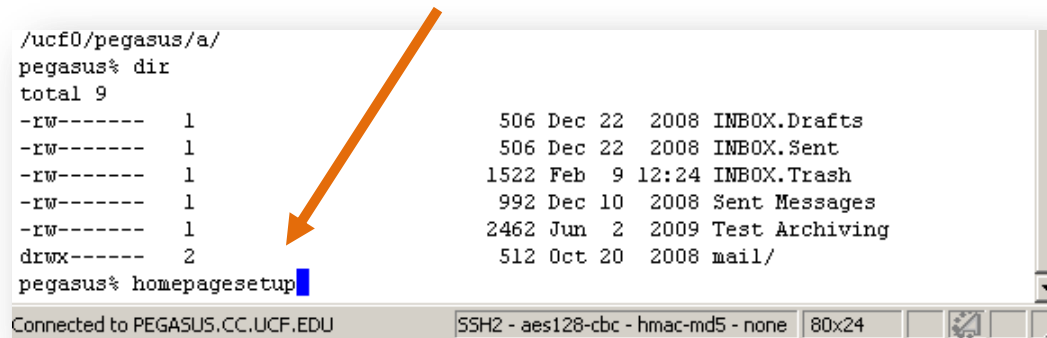
```
/ucf0/pegasus/a/  
pegasus% dir  
total 9  
-rw----- 1          506 Dec 22  2008 INBOX.Drafts  
-rw----- 1          506 Dec 22  2008 INBOX.Sent  
-rw----- 1       1522 Feb  9 12:24 INBOX.Trash  
-rw----- 1          992 Dec 10  2008 Sent Messages  
-rw----- 1       2462 Jun  2  2009 Test Archiving  
drwx----- 1          512 Oct 20  2008 mail/  
pegasus% █
```

Getting Your Account Ready to Host Webpages

Creating the public_HTML Folder

The first time you sign on to your Pegasus account, it will not be ready to host webpages. To setup the account you need to run a command.

At the command prompt, type: **homepagesetup**

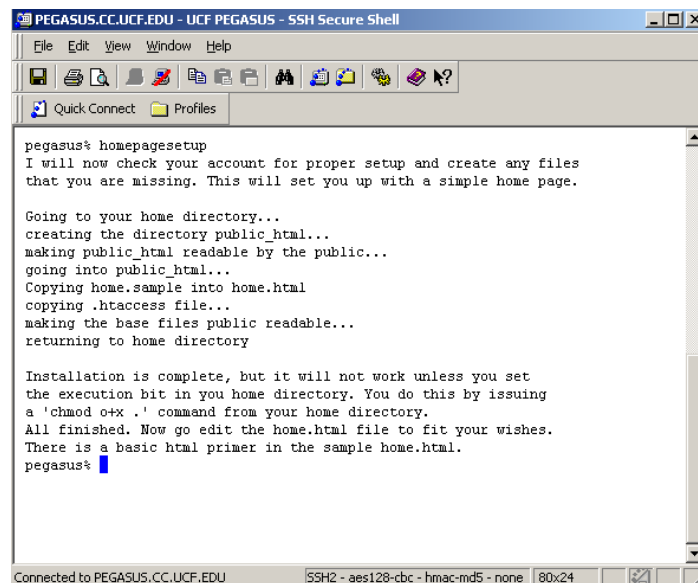


A terminal window showing the output of the 'dir' command and the execution of 'homepagesetup'. An orange arrow points from the 'homepagesetup' command to the 'drwx----- 2' line in the directory listing.

```
/ucf0/pegasus/a/  
pegasus% dir  
total 9  
-rw----- 1          506 Dec 22  2008 INBOX.Drafts  
-rw----- 1          506 Dec 22  2008 INBOX.Sent  
-rw----- 1        1522 Feb  9 12:24 INBOX.Trash  
-rw----- 1          992 Dec 10  2008 Sent Messages  
-rw----- 1       2462 Jun  2  2009 Test Archiving  
drwx----- 2          512 Oct 20  2008 mail/  
pegasus% homepagesetup
```

Hit the **Enter** key.

The homepagesetup script will run and the return you to the command prompt.



A terminal window showing the output of the 'homepagesetup' script. The script performs several actions: going to the home directory, creating the 'public_html' directory, making it readable by the public, going into the directory, copying 'home.sample' to 'home.html', copying '.htaccess', making base files readable, and returning to the home directory. It also provides instructions on how to set the execution bit and edit the 'home.html' file.

```
PEGASUS.CC.UCF.EDU - UCF PEGASUS - SSH Secure Shell  
File Edit View Window Help  
Quick Connect Profiles  
pegasus% homepagesetup  
I will now check your account for proper setup and create any files  
that you are missing. This will set you up with a simple home page.  
  
Going to your home directory...  
creating the directory public_html...  
making public_html readable by the public...  
going into public_html...  
Copying home.sample into home.html  
copying .htaccess file...  
making the base files public readable...  
returning to home directory  
  
Installation is complete, but it will not work unless you set  
the execution bit in you home directory. You do this by issuing  
a 'chmod o+x .' command from your home directory.  
All finished. Now go edit the home.html file to fit your wishes.  
There is a basic html primer in the sample home.html.  
pegasus%
```

Setting Permissions on the public_html Folder

Your account will now contain a folder called public_html. You will need to set the permissions on your account so that any files (like your webpages) put in that folder will be visible online.

Get to the correct place to set permissions by typing the command below (cd, a space, and then two periods).

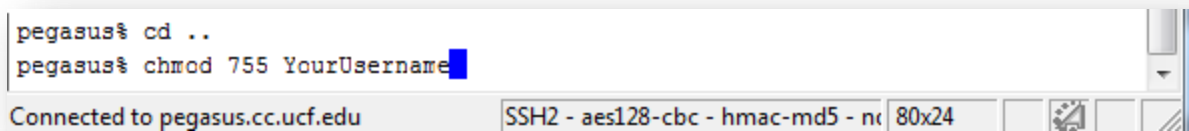
At the command prompt type: **cd ..**

Press the **Enter** key.

Set the permissions by typing in the command below, be sure to use your Pegasus account name where it says YourUsername.

At the command prompt type: **chmod 755 YourUsername**

Press the **Enter** key.



```
pegasus% cd ..  
pegasus% chmod 755 YourUsername
```

Connected to pegasus.cc.ucf.edu SSH2 - aes128-cbc - hmac-md5 - n... 80x24

You can verify that your home page was created and is now visible by checking online to see if the default home page can be seen.

Open a web browser and go to <http://pegasus.cc.ucf.edu/~YourUsername>

The default home page with the title “This is a header, there are 6 different grades of header” should appear.

This is a header, there are 6 different grades of header

This is just text. You will notice that there is a difference between how the header looks and how the text looks. It is more pronounced in a graphical browser, but text browsers (such as Lynx) make due with highlighting, centering, etc. H1 is the most blatant, H2 slightly less so, and all the way down to H6.

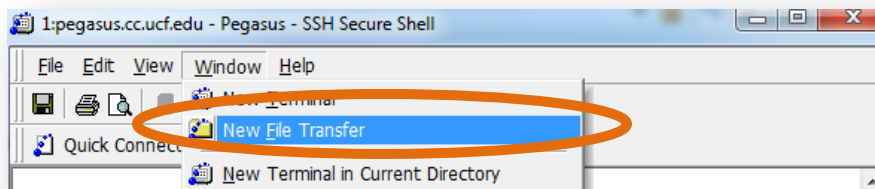
This is a new paragraph. One important thing to remember is that the Browser doesn't care how your file is formatted. The browser will only pay attention to the formatting commands within the HTML file. The two used most often are the paragraph break <P> and the line break
. HTML directives are preceded by a less-than sign and closed with a greater-than sign, which means that you will have to resort to < for a less-than sign, > for a greater than sign, and & for an ampersand. Luckily, they chose those characters because they aren't used that often, and are still on every keyboard.

That was just a line break, so you could see the difference between it and a paragraph break. Now, we will get into links. [Here](#) is a link to the Pegasus home page. The A stands for anchor, the href field gets set to the URL of where you want the link to go. The text between the anchor directive and the close-anchor will be the actual link visible on the page.

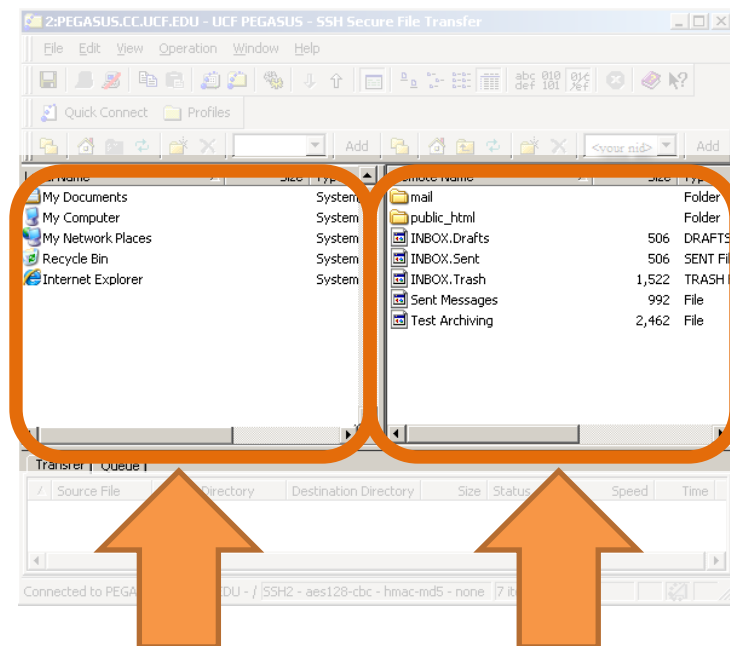
If this default page shows online, your account is now ready to have webpages saved and displayed.

Uploading Your Webpages

To transfer the new webpages to your Pegasus account, start a File Transfer session. In SSH, click **Window, New File Transfer**.



The SSH File Transfer window will open. On the left are the folders and files on your computer. On the right are the folders and files on your Pegasus account.

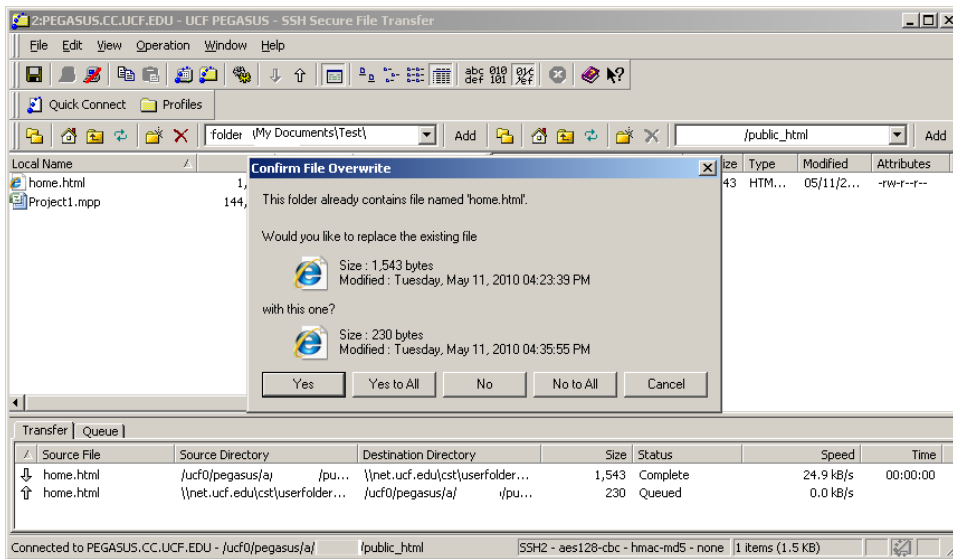


Your Computer

Your Pegasus Account

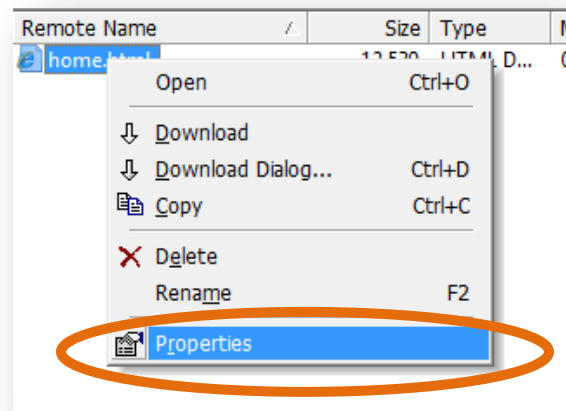
Moving the files from your computer to your Pegasus account is an easy drag and drop.

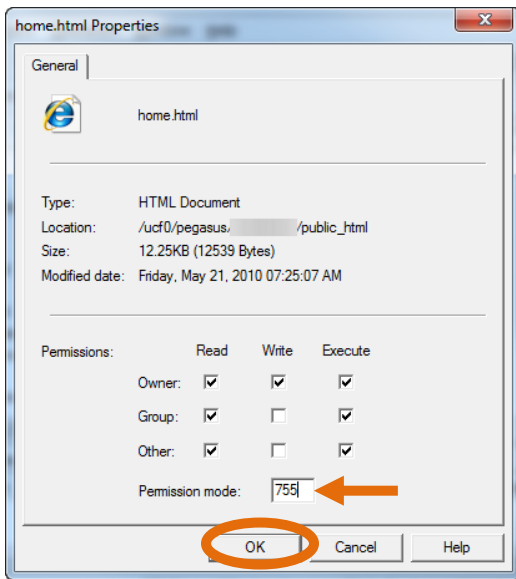
- On the right pane, double-click the public_html folder to open it.
- On the left pane, navigate to where the new files are stored on the computer.
- Drag the new files from the left pane to the right pane
- If it is a new version of a page that already exists, you may need to accept (Click on Yes) to allow the old file to be replaced with the new file.



Once the new files are saved in the public_html folder, they will need to have their permissions set so they can be seen by the public.

Highlight and right-click on the new file(s).
Click on **Properties**.





In the Permission mode: field type: **755**
This sets the permissions on the files. Click **OK**.

The file(s) will now have the correct permissions to be viewed as webpages on the Internet.

Remote Name	Size	Type	Modified	Attributes
home.html	12,539	HTML D...	05/21/2010 07:25:0...	-rwxr-xr-x

Verify the pages are visible by going to your site (<http://pegasus.cc.ucf.edu/~YourUsername>). If you see the error below instead of the content you created, please check the permissions on your files.

Forbidden

You don't have permission to access /~username on this server.

Additionally, a 403 Forbidden error was encountered while trying to use an ErrorDocument to handle the request.

Please visit [Ask UCF](#) for further information about Pegasus or contact the UCF Service Desk at 407-823-5117.