Command Line/ssh Information

patas setup

patas is the server for linguistics. Once you are granted account access, your login for patas is your username + patas.ling.washington.edu

For example, if your UW NetID is “husky” and password is “arffarff”, your patas login is

husky@patas.ling.washington.edu
Password: arffarff

On Mac and Linux, you can access your site by typing the following into a command terminal:

ssh <ACCOUNT NAME>@patas.ling.washington.edu

On Windows, you have a few options:

• For Windows 10, PowerShell is installed on your computer. You can install an additional module for this program to allow you to use commands like the one above. A tutorial about this is here: https://codehollow.com/2017/06/ssh-for-windows-powershell/

• Otherwise, you can install an ssh client GUI, like PuTTY. Once installed, you can login to the host like this:

![PuTTY Configuration](image)

• You could also install windows subsystem for linux. This is more powerful than PowerShell but a little harder to install and get running. I suggest an online tutorial.

The shell that results from the above methods will ask you to type in the site password. What you type won’t show up and the cursor won’t move; that’s normal. Just type away.

Since you will need Unix commands to move around the storage system, I’ll review some here. If you need to do something and can’t remember a command for it, the StackOverflow is Overflowing with questions about Linux commands, so someone’s probably already asked your question.
To add files/folders to homer from Mac or Linux, open the command terminal and type

`scp -r <PATH ON LOCAL COMPUTER> <ACCOUNTNAME>@patas.ling.washington.edu:./<FILEPATH>`

On windows, open the command terminal (either PowerShell or WSL, or cmd) and type

`pscp <PATH ON LOCAL COMPUTER> <ACCOUNTNAME>@patas.ling.washington.edu:./<FILEPATH>`

Note that on Windows, the command won’t copy whole folders. You have to type `folder_path/*` and copy everything into an existing folder on homer.

If you type `*` instead of a path, it will copy over everything in your current directory into the homer path.

To add files from patas to your local machine (laptop), open your terminal (not being logged into patas) and type

`scp -r <ACCOUNTNAME>@patas.ling.washington.edu:./<FILEPATH> <PATH ON LOCAL COMPUTER>`

On windows, open the command terminal (either PowerShell or WSL, or cmd) and type

`pscp <ACCOUNTNAME>@patas.ling.washington.edu:./<FILEPATH> <PATH ON LOCAL COMPUTER>`

<table>
<thead>
<tr>
<th>Command (put in your own info where the angle braces are)</th>
<th>What it does</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>ls -a &lt;DIRECTORY PATH&gt;</code></td>
<td>lists all the files/subdirectories in the directory. If you leave the path off, it will list all the files/subdirectories in your current directory.</td>
</tr>
<tr>
<td><code>cd &lt;DIRECTORY PATH&gt;</code></td>
<td>changes your directory to the specified path</td>
</tr>
<tr>
<td><code>mv &lt;FILEPATH 1 FILEPATH 2 FILEPATH 3….&gt; &lt;LOCATION&gt;</code></td>
<td>moves all the files you list into the stated directory</td>
</tr>
<tr>
<td><code>mv &lt;FILENAME 1&gt; &lt;FILENAME 2&gt;</code></td>
<td>changes the name of file 1 to file 2</td>
</tr>
<tr>
<td><code>cp &lt;FILEPATH 1 FILEPATH 2 FILEPATH 3….&gt; &lt;LOCATION&gt;</code></td>
<td>copy the files into the stated directory</td>
</tr>
<tr>
<td><code>cp -r &lt;DIRECTORY PATH 1 DIRECTORY PATH 2 ... &gt; &lt;LOCATION&gt;</code></td>
<td>copy the files and subdirectories into the stated directory</td>
</tr>
<tr>
<td><code>rm &lt;FILEPATH 1 FILEPATH 2 FILEPATH 3….&gt;</code></td>
<td>permanently remove the files listed</td>
</tr>
<tr>
<td><code>rm -r &lt;DIRECTORY PATH 1 DIRECTORY PATH 2 ... &gt;</code></td>
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