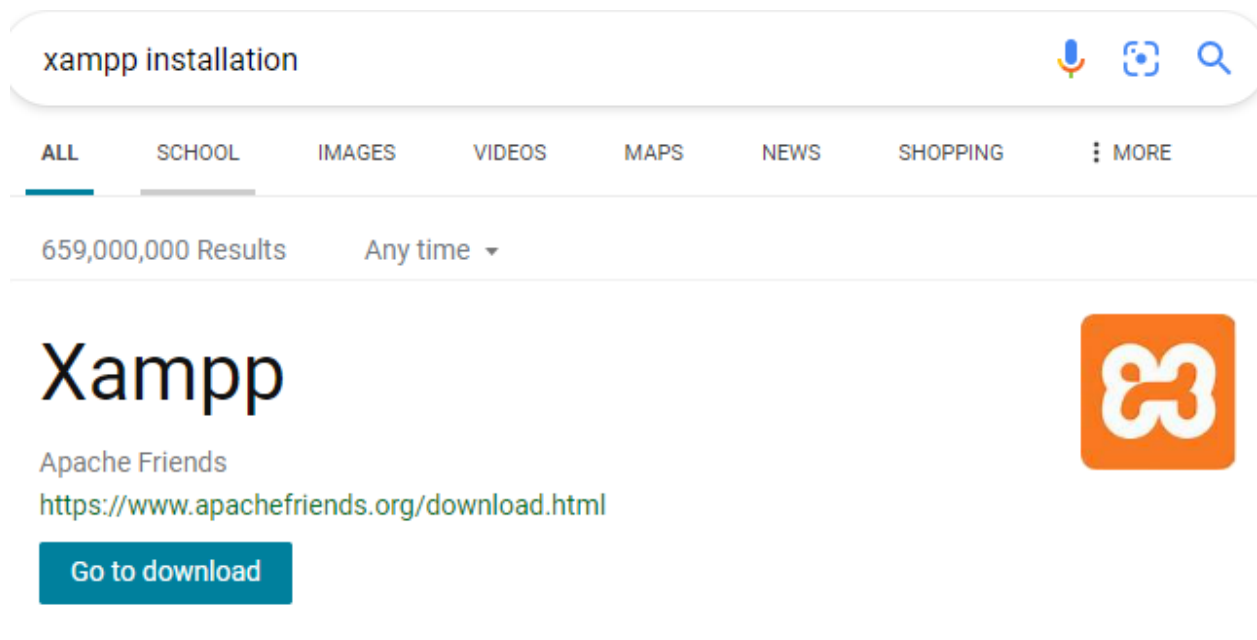


Walkthrough of All Dependencies

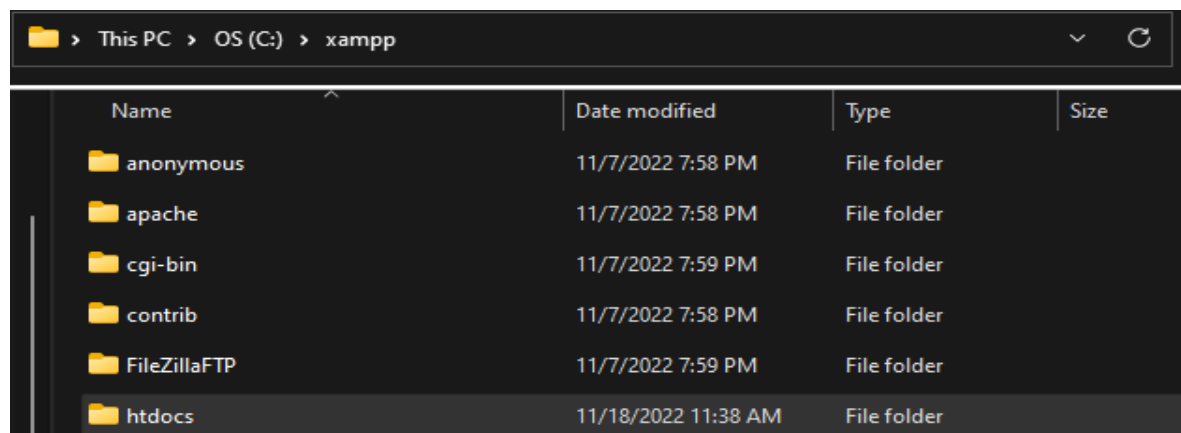
Open Site On Localhost

In order to run the WRAP-IT-UP website you firstly need to download XAMPP. Displayed below is where you can find the installation packages.




Once installation is complete you will have access to a folder titled "**htdocs**." This is where you must store the website packages provided in GitHub. Open the htdocs folder and create a new folder titled "**DAS**."

IMPORTANT: Everything from the github repository needs to be placed inside the DAS folder **except the *ReadMe.pdf* and the *Database.sql* file.**



Now the localhost XAMPP server has access to the WRAP-IT-UP website package. To access the site, open up the **XAMPP control panel** and activate Apache with MySQL.

XAMPP Control Panel v3.3.0 [Compiled: Apr 6th 2021]



XAMPP Control Panel v3.3.0

Modules

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache	20772 25844	80, 443	<div>StopAdminConfigLogs</div>
<input type="checkbox"/>	MySQL	19876	3306	<div>StopAdminConfigLogs</div>
<input type="checkbox"/>	FileZilla			<div>StartAdminConfigLogs</div>
<input type="checkbox"/>	Mercury			<div>StartAdminConfigLogs</div>
<input type="checkbox"/>	Tomcat			<div>StartAdminConfigLogs</div>

Config

Netstat

Shell

Explorer

Services

Help

Quit

11:36:44 AM [main] All prerequisites found

11:36:44 AM [main] Initializing Modules

11:36:44 AM [main] Starting Check-Timer

11:36:44 AM [main] Control Panel Ready

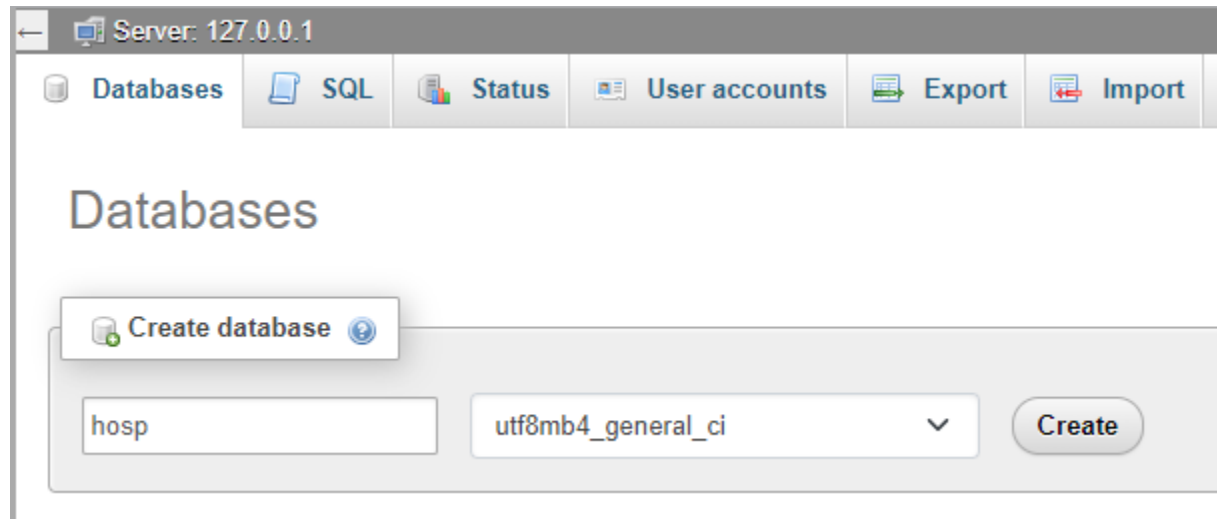
11:36:45 AM [Apache] Attempting to start Apache app...

11:36:45 AM [Apache] Status change detected: running

11:36:47 AM [mysql] Attempting to start MySQL app...

11:36:47 AM [mysql] Status change detected: running

Before entering the site you must set up the database with relations. To do this go to your browser and search localhost in the URL. Then navigate the PHPMyAdmin. On the left hand side you will have to open to create new databases. Create an empty database titled “**hosp.**”

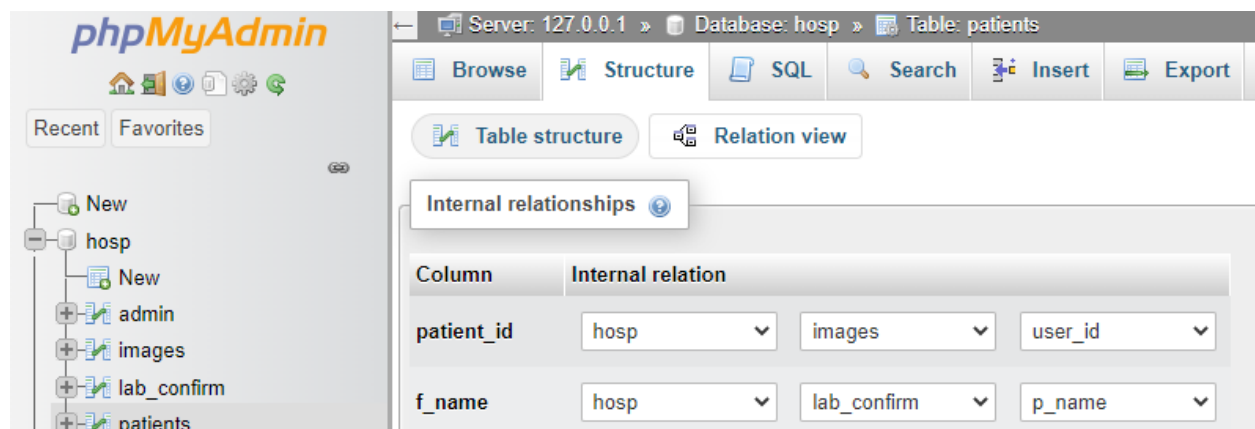


Then open the SQL tab and proceed to copy and paste the contents of the **Database file** provided in GitHub.

This will fill the hosp database with the necessary tables and data.

Lastly you must set up the necessary table relations. Simply click on the **patients table**, go to **structure**, and click **relation view**.

Simply fill out the **patient_id** and **f_name** rows as they are displayed in the figure below.



Now to open the site on the local host network go to any available internet browser on the device and enter the following URL: **localhost/DAS**

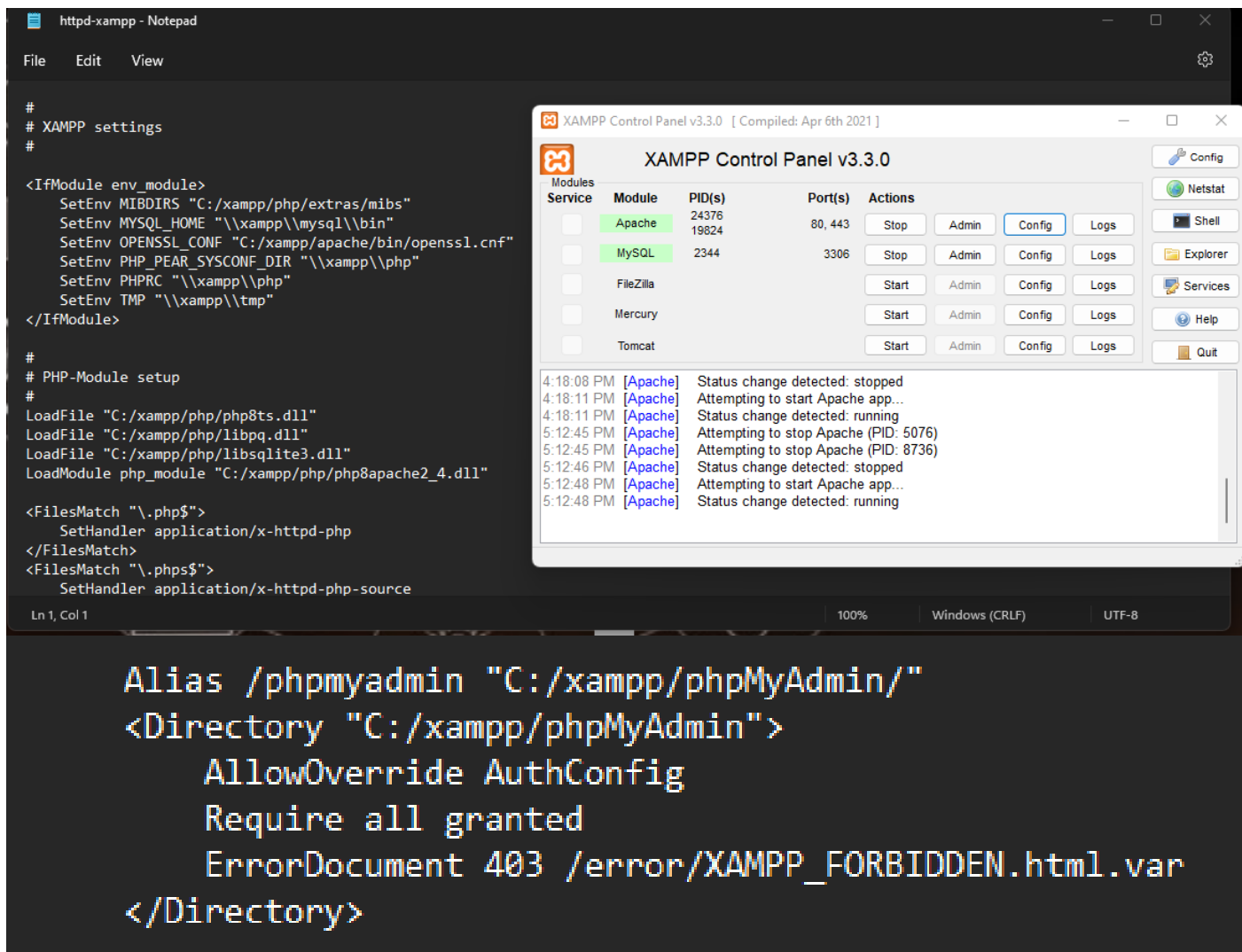
Admin profiles are created directly in the PHPMyAdmin SQL database so unless you wish to create another one manually use this login information as administrator:

Authorization code: 512

Password: internet

Make Site Viewable to any Device on Local Network

Navigate to the XAMPP control panel and open to the httpd-xampp file with the config button next to Apache. From there you have to navigate to the phpmyadmin section. Finally, replace “Require all denied” to “Require all granted.” This will make any running host websites viewable to anyone on the network so long as they have the host IP.



The image shows two windows. The top window is the XAMPP Control Panel v3.3.0, which displays a table of services and their status. The bottom window is a Notepad editor showing the httpd-xampp configuration file.

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache	24376 19824	80, 443	Stop Admin Config Logs
<input type="checkbox"/>	MySQL	2344	3306	Stop Admin Config Logs
<input type="checkbox"/>	FileZilla			Start Admin Config Logs
<input type="checkbox"/>	Mercury			Start Admin Config Logs
<input type="checkbox"/>	Tomcat			Start Admin Config Logs

```
#
# XAMPP settings
#

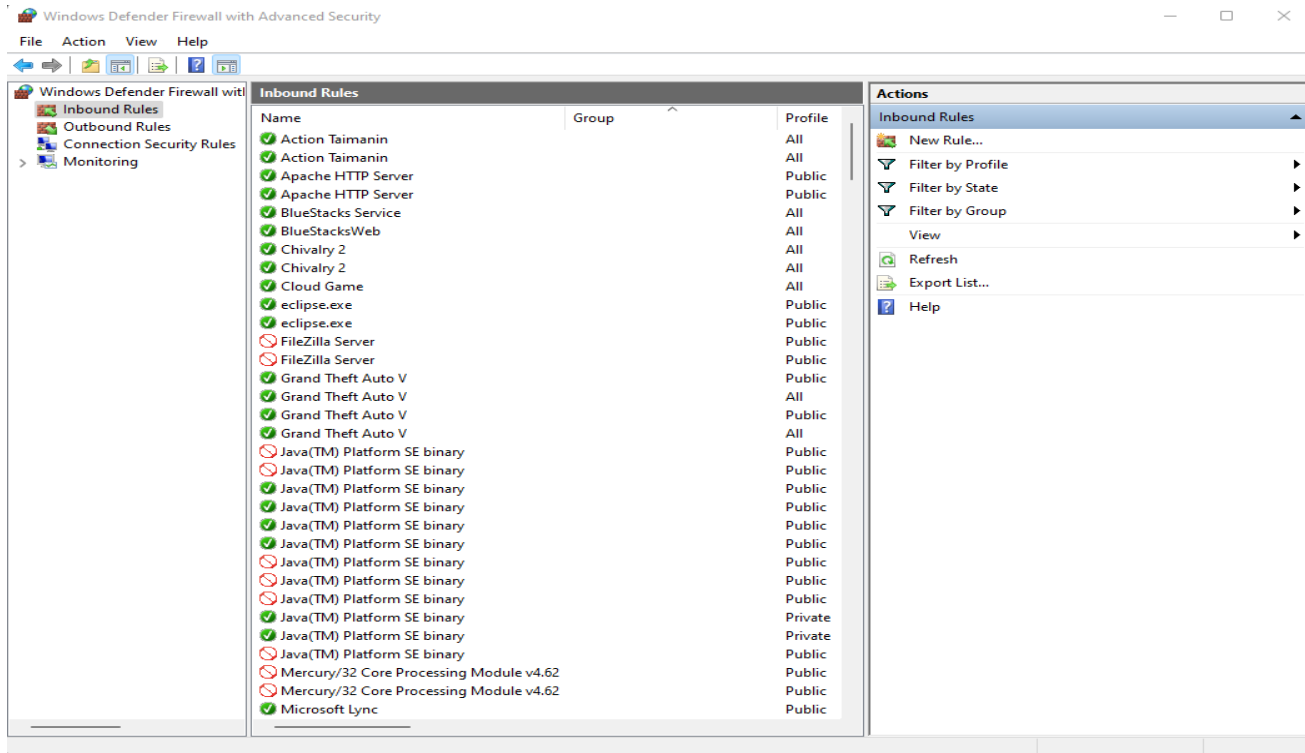
<IfModule env_module>
    SetEnv MIBDIRS "C:/xampp/php/extras/mibs"
    SetEnv MYSQL_HOME "\\xampp\\mysql\\bin"
    SetEnv OPENSSL_CONF "C:/xampp/apache/bin/openssl.cnf"
    SetEnv PHP_PEAR_SYSCONF_DIR "\\xampp\\php"
    SetEnv PHPRC "\\xampp\\php"
    SetEnv TMP "\\xampp\\tmp"
</IfModule>

#
# PHP-Module setup
#
LoadFile "C:/xampp/php/php8ts.dll"
LoadFile "C:/xampp/php/libpq.dll"
LoadFile "C:/xampp/php/libsqlite3.dll"
LoadModule php_module "C:/xampp/php/php8apache2_4.dll"

<FilesMatch "\.php$"
    SetHandler application/x-httpd-php
</FilesMatch>
<FilesMatch "\.phps$"
    SetHandler application/x-httpd-php-source

Alias /phpmyadmin "C:/xampp/phpMyAdmin/"
<Directory "C:/xampp/phpMyAdmin">
    AllowOverride AuthConfig
    Require all granted
    ErrorDocument 403 /error/XAMPP_FORBIDDEN.html.var
</Directory>
```

In the event that a device still cannot connect it means the host firewall defender is preventing access. To solve this you need to navigate to your computer’s “**Defender firewall advanced settings.**” Then click the new rule option on the right hand side and select “port.”



New Inbound Rule Wizard

Rule Type

Select the type of firewall rule to create.

Steps:

- Rule Type
- Protocol and Ports
- Action
- Profile
- Name

What type of rule would you like to create?

☐ **Program**
Rule that controls connections for a program.


☒ **Port**
Rule that controls connections for a TCP or UDP port.

☐ **Predefined:**
AllJoyn Router
Rule that controls connections for a Windows experience.

☐ **Custom**
Custom rule.

< Back Next > Cancel

On the next screen provide the host port that is displayed on the XAMPP control panel apache section. In my case it is 80. Then name and save the rule.

 New Inbound Rule Wizard

Protocol and Ports

Specify the protocols and ports to which this rule applies.

Steps:


- Rule Type
- Protocol and Ports**
- Action
- Profile
- Name


Does this rule apply to TCP or UDP?

☒ TCP
☐ UDP

Does this rule apply to all local ports or specific local ports?

☐ All local ports
☒ Specific local ports:
Example: 80, 443, 5000-5010

 XAMPP Control Panel v3.3.0 [Compiled: Apr 6th 2021]



XAMPP Control Panel v3.3.0

Modules

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache	24376 19824	80, 443	<input type="button" value="Stop"/> <input type="button" value="Admin"/> <input type="button" value="Config"/>

Lastly identify your host device IP address by going to the command prompt and entering ipconfig. You will need the IPv4 address for the wireless LAN adapter. Now any device on the network will have the ability to view WRAP-IT-UP.

```
Command Prompt

Connection-specific DNS Suffix . : 
Link-local IPv6 Address . . . . . : fe80::10a8:fddb:2274:1675%5
IPv4 Address. . . . . : 192.168.56.1
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 

Wireless LAN adapter Local Area Connection* 1:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . : 

Wireless LAN adapter Local Area Connection* 2:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . : 

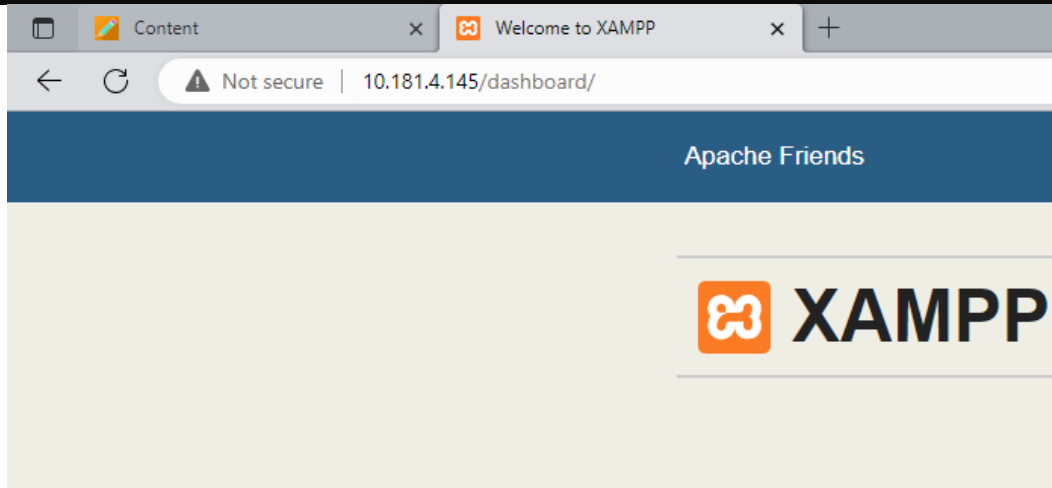
Wireless LAN adapter Wi-Fi:

Connection-specific DNS Suffix . : saumag.edu
Link-local IPv6 Address . . . . . : fe80::444a:99ff:5b3d:312f%16
IPv4 Address. . . . . : 10.181.4.145
Subnet Mask . . . . . : 255.255.0.0
Default Gateway . . . . . : 10.181.0.1

Ethernet adapter Bluetooth Network Connection:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . : 

C:\Users\conno>
```



View and Edit the DAS Package

To make modifications or view the source code you must have PHP Eclipse installed.

The screenshot shows the Eclipse Foundation website. The top navigation bar includes links for Projects, Working Groups, Members, and More. The main content area features a large blue banner with the text "Try the Eclipse **Installer** 2022-09 R" and "The easiest way to install and update your Eclipse Development Environment." It also includes download statistics: "2,010,368 Installer Downloads" and "1,189,303 Package Downloads and Updates". To the right, there is a "Download" section with links for macOS x86_64 | AArch64, Windows x86_64, and Linux x86_64 | AArch64. Below the banner, the text "Eclipse IDE 2022-09 R Packages" is visible. On the right side, there is a callout box stating "The Eclipse Installer 2022-09 R now includes a JRE for macOS, Windows and Linux." and a button to "Download x86_64".

Then open eclipse, create a new PHP project, title it DAS, and select browse to make sure information is routing from the htdocs folder.

The screenshot shows the "New PHP Project" dialog box in Eclipse IDE. The title bar says "New PHP Project". The main heading is "Create a PHP Project". Below it, there is a text field labeled "Enter a project name." and a "Project name:" label. Under the "Contents" section, there are two radio buttons: "Create new project in workspace" (selected) and "Create project at existing location (from existing source)". Below this, there is a "Directory:" label and a text field, followed by a "Browse..." button.