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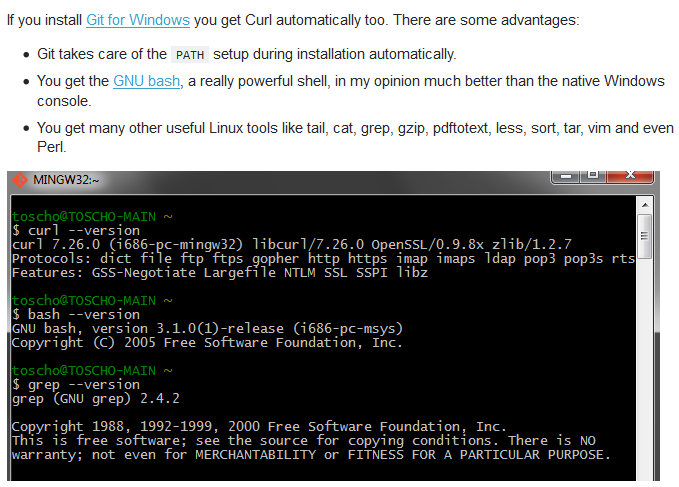
[XAMPP 13](#_Toc5196759)

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**Curl GET and POST Method Calls – PHP Example**

<https://phponweb.com/curl-get-post/>

curl is an open source command line tool and library for transferring data with URL. It is a good way to send data between websites. It can be making simple HTTP Request, also make complex FTP upload with an authentication, also can make HTTPS requests.



git bash

curl --help

JSONPlaceholder

<https://jsonplaceholder.typicode.com/>

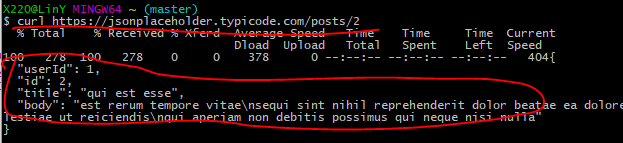
GET

POST

PUT

PATCH

DELETE

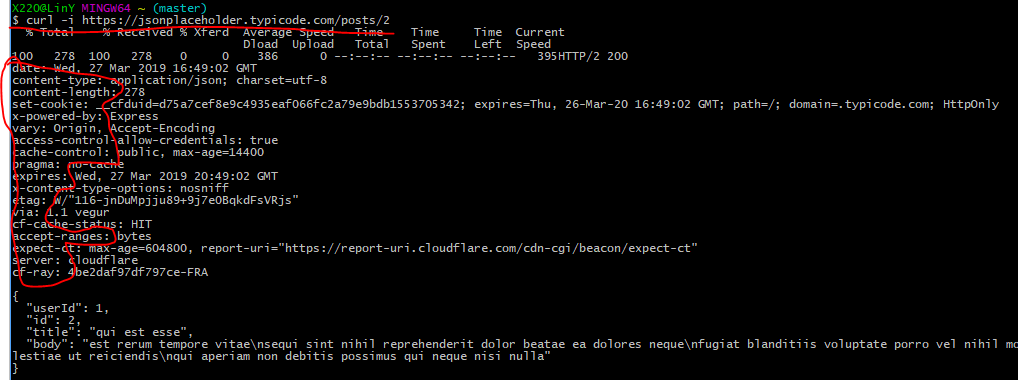


-i

Content-type

-head

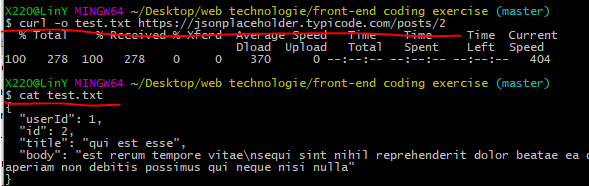
-I //flag



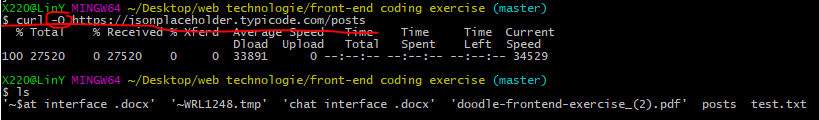
touch hello.txt //create

rm -R hello.txt //remove

write data in test.txt



download file



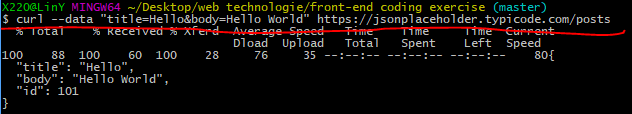
git bash

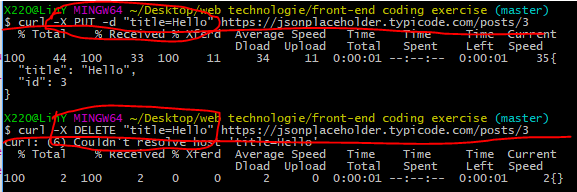
$ curl -O –limit-rate 1000B http://...

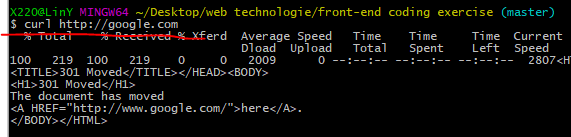
--data

“title=Hello&body=Hello World”

http://

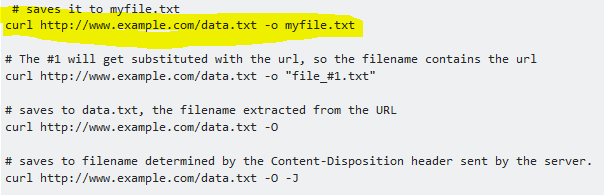






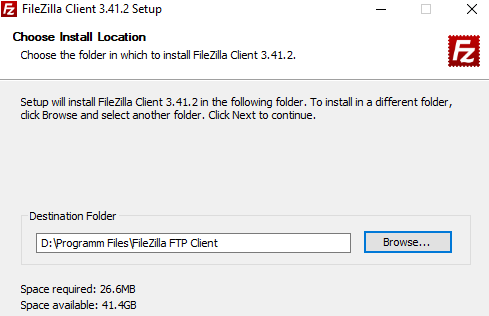
**How to capture curl output to a file**

<https://stackoverflow.com/questions/13735051/how-to-capture-curl-output-to-a-file>



FileZilla

FileZilla ist eine freie Sever- und Client-Software zur Datenübertragung mittels FTP und SFTP. Mit dem FileZilla Client kann der Benutzer sich mit einem FTP-/SFTP-Server verbinden und daraufhin Dateien hoch- und herunterladen. Zudem können Textdateien im lokalen Texteditor geöffnet werden. FileZilla überwacht daraufhin die geöffnete Datei und bietet bei Änderung das Hochladen der Datei an.

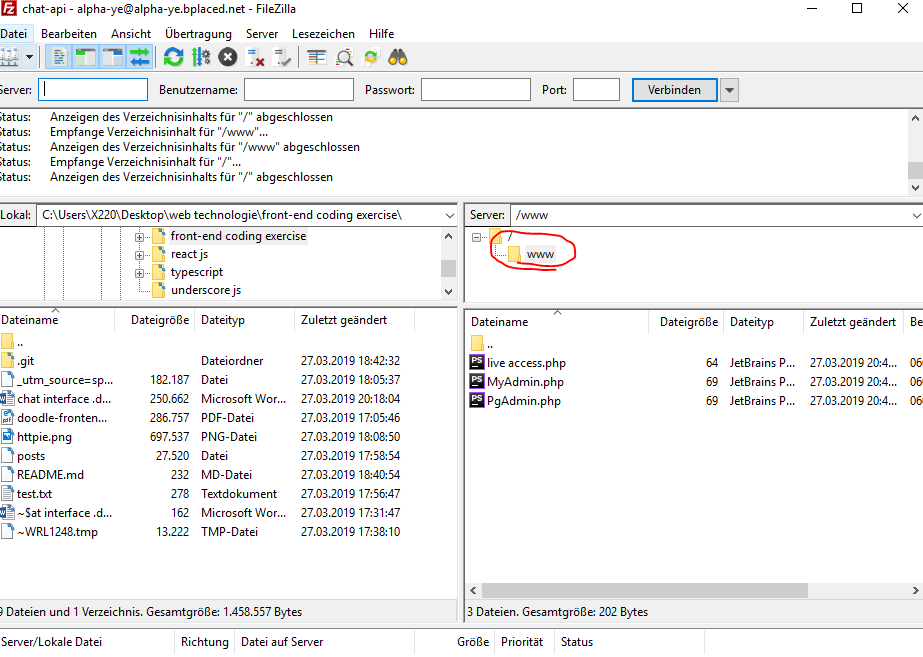


**Free FTP Webhosting**

Zugriff mit FTP

**FTP-Server**

<https://my.bplaced.net/ftp>



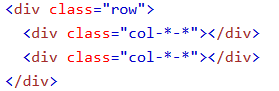
# How to Create a Simple Web-Based Chat Application

<https://code.tutsplus.com/tutorials/how-to-create-a-simple-web-based-chat-application--net-5931>

a simple web-based chat application with PHP and jQuery

# Bootstrap





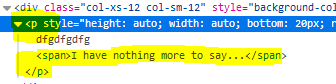
Note that numbers in. col-\*-\* should always add up to **12** for each row

.container-fluid for a full width container

While containers can be nested, most layouts do not require a nested container.

# CSS



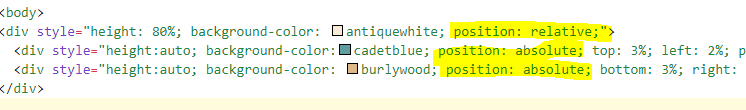


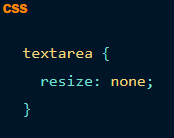
position:absolute; relative

width:50%;

z-index:-1;

a:link a:visitied a:hover





jQuery attribute equals selector [name=”value”]



# PHP

Get PHP 7.2 (None Thread Safe version) here

<https://windows.php.net/download#php-7.2>

Create folder PHP

Export the php zip content into the PHP folder

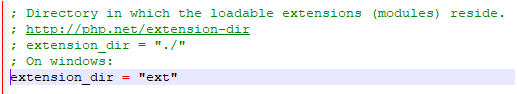
Make a copy of the php.ini-development

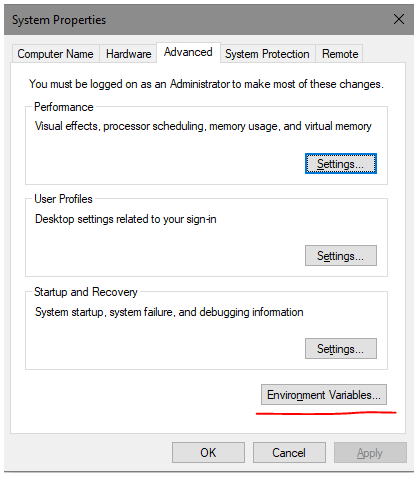
rename the file to php.ini

Open php.ini

ctrl-f for extension\_dir = “ext”

uncomment that line by removing the semicolon





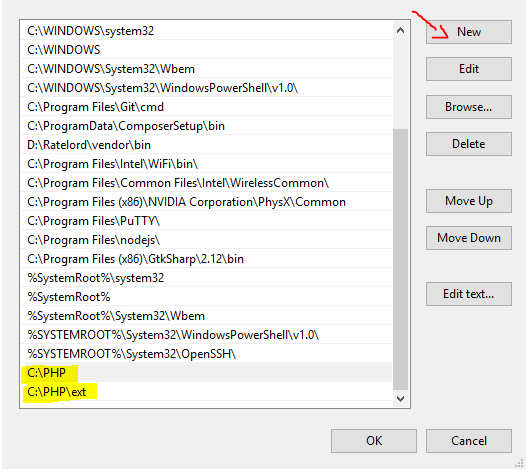
Open Environment Variables

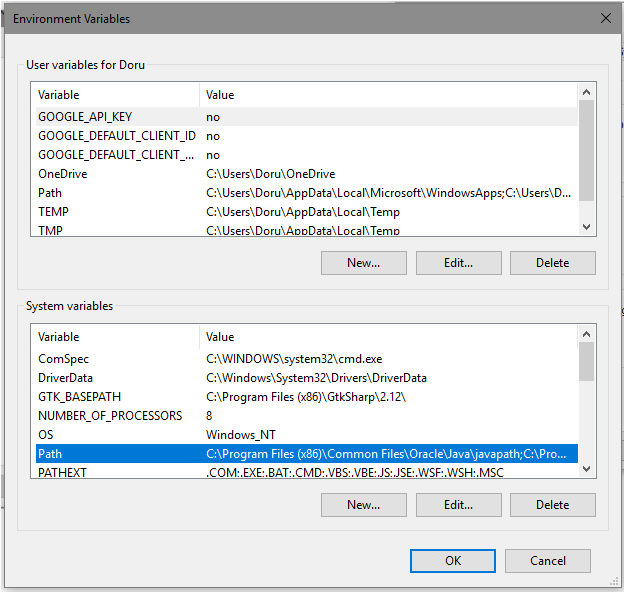
click Environment Variables

Under System Variables, select PATH and click Edit

Add two new entries in that variables

path to\PHP

path to\PHP\ext



Test if it works

php -S localhost:8080 [file.php]

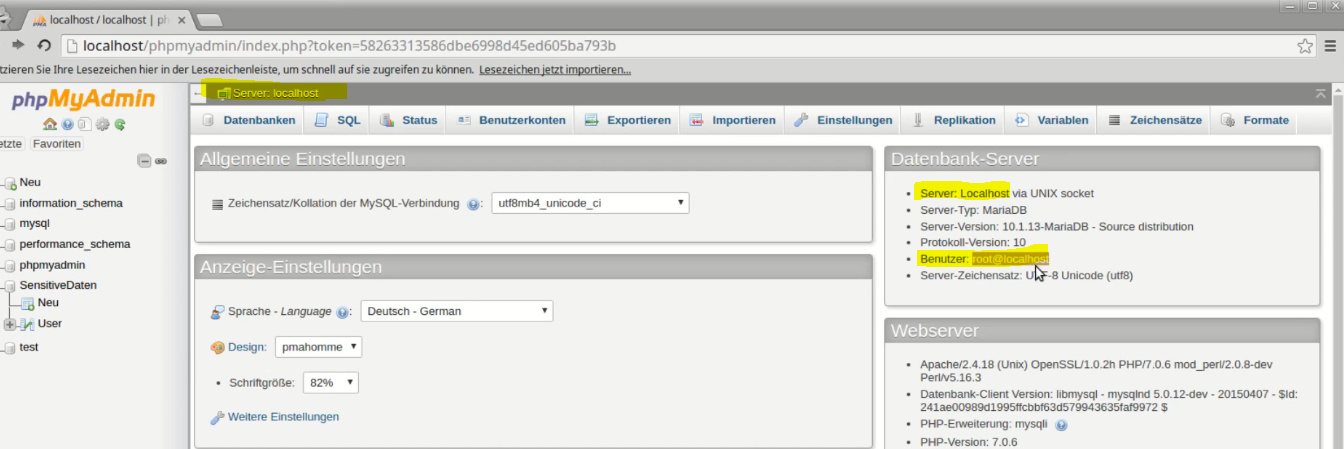
php.exe

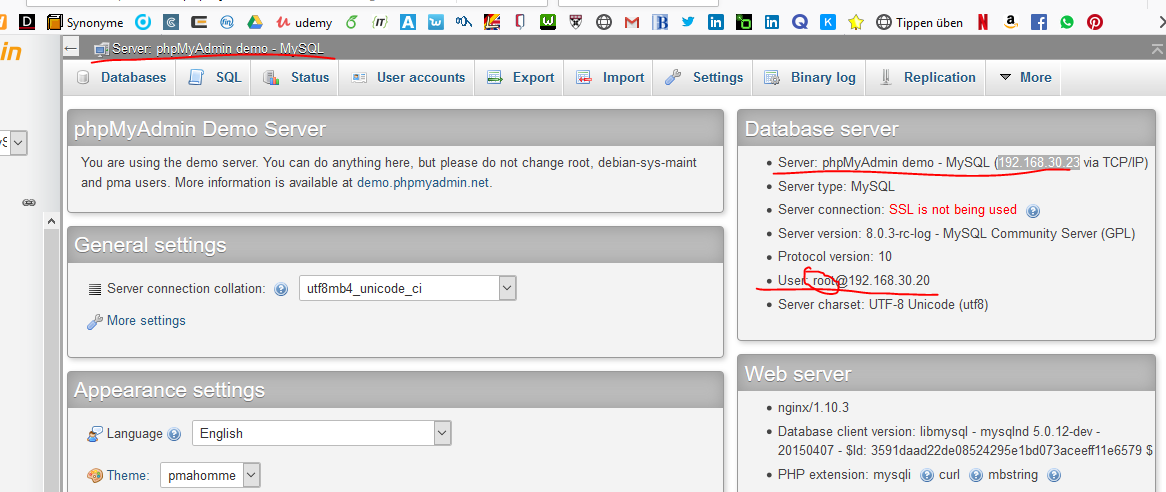
<? php

echo phpinfo();

?>

phpMyAdmin installieren





<http://www.dorusomcutean.com/how-to-install-php-7-2-on-windows/>

phpMyAdmin ist eine freie Webanwendung zur Administration von MySQL-Datenbanken und deren Fork MariaDB. Die Software ist in PHP implementiert, daher kommt der phpMyAdmin. Die meisten Funktionen können ausgeführt werden, ohne selbst SQL-Anweisungen zu schreiben.

wie z. B. Datensätze auflisten, Tabellen anlegen/löschen, Spalten hinzufügen, Datenbanken anlegen/löschen und Benutzer verwalten.

**How to run php files on windows**

<https://www.youtube.com/watch?v=jIUttZ91zBQ>

**Set Up PHP on your own pc**

<https://www.w3schools.com/PHP/php_install.asp>

-install a web server

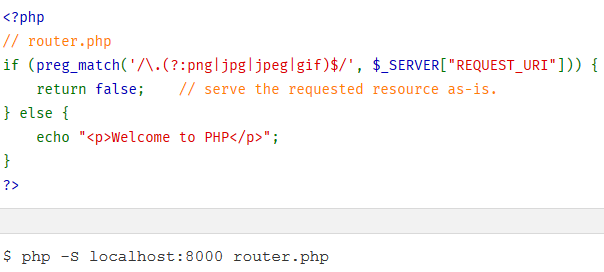
-install php

-install a database, such as mysql

Ein Webserver ist ein Server, der Dokuments an Clients wie z.b. Webbrowser überträgt.

Beispiel:

Ist ein Nutzer mit dem Internet verbunden und gibt in die Adresszeile seines Webbrowsers ein, z.B. „http://de.wikipedia.org/wiki/Webserver“, wird dem Webbrowser der darin enthaltene Domain-Bestandteil, „de.wikipedia.org“ vom Betribssystem mittels Abfrage eines DNS-Servers in eine IP-Adresse umgesetzt, z. B. 145.168.145.25 (IPv4) oder 2a00:1450:8007::63 (IPv6). Der Webbrowser sendet dann die vollständige Adresse (URL) an diese IP-Adresse auf Port 80. Von dort antwortet der Webserver und sendet die entsprechende Ergebnisseite der Homepage an den Webbrowser.



<https://www.php.net/manual/en/features.commandline.webserver.php>

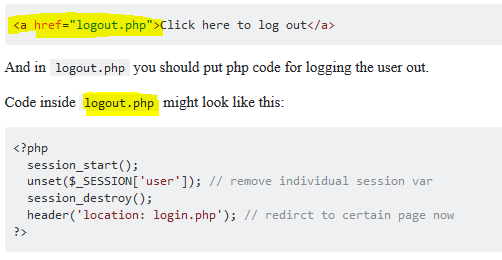
<https://www.taniarascia.com/how-to-use-json-data-with-php-or-javascript/>

make the web server accessible on port 8000 to any interface with



**Provide a link for users to logout**

<https://stackoverflow.com/questions/3027769/how-to-link-a-html-link-with-a-php-function>

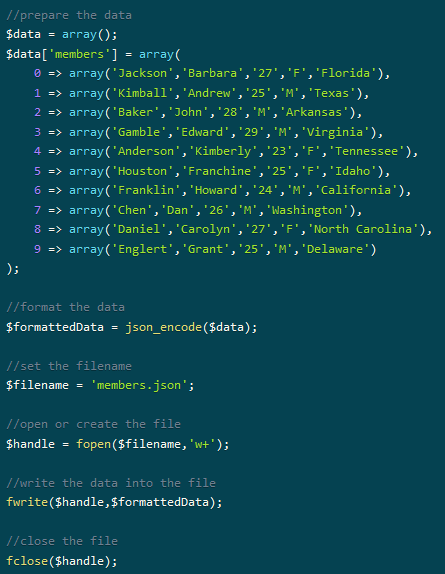


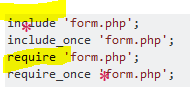
<https://stackoverflow.com/questions/3027769/how-to-link-a-html-link-with-a-php-function>



**Link php code to a html page**

<https://stackoverflow.com/questions/26534018/link-php-code-to-a-html-page>





**PHP json get data**

<https://eval.in/60114>

**Create a json file in php**

<http://consistentcoder.com/create-a-json-file-in-php>

# Apache

Download from here

<http://dalaris.com/how-to-install-and-run-apache-web-server-on-windows-10/>

Extract the file to a directory called C:\Apache24

httpd.conf

change Listen:80 -> Listen:8080

change ServerName: Localhost:8080 -> ServerName: Localhost:8080

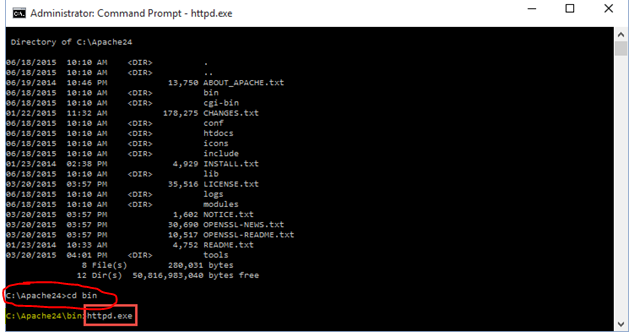
Change to the bin sub-directory

Type httpd.exe and press enter

in Browser http://localhost:8080

edit the file C:\Apache24\htdocs\index

<h1> apache server is running </h1>

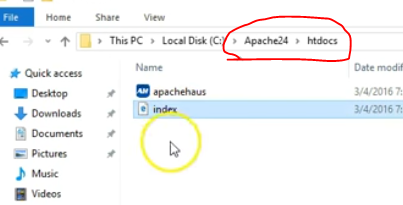


<https://www.youtube.com/watch?v=LL2HXgxk6-Q>

<https://www.youtube.com/watch?v=woAZe7kBuEI>

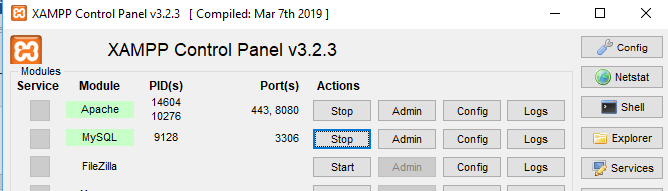
<https://www.youtube.com/watch?v=bNFCEMPf3h8>

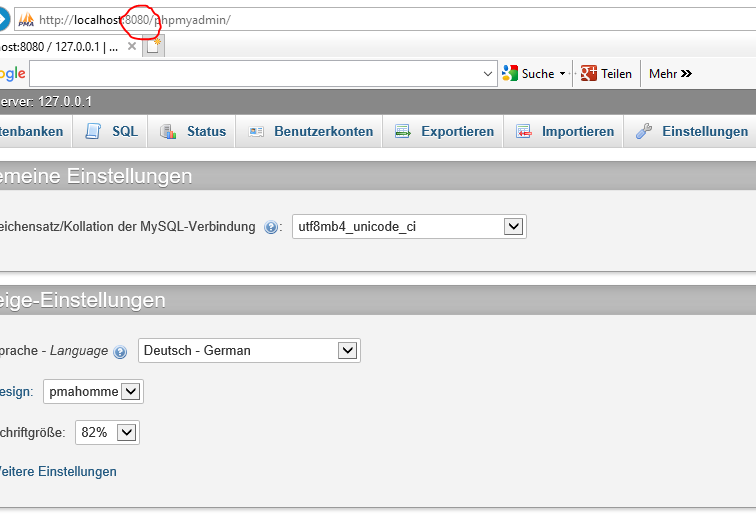
<https://www.youtube.com/watch?v=QBFlR-46aC0>



# MySQL

# phpMyAdmin





**Test connection (con.php)**



# XAMPP

XAMPP Installers and Downloader for Apache Friends

<https://www.apachefriends.org/index.html>

XAMPP, Apache – Error: Apache shutdown unexpectedly

<https://stackoverflow.com/questions/18300377/xampp-apache-error-apache-shutdown-unexpectedly>

http.conf

-Listen:8080

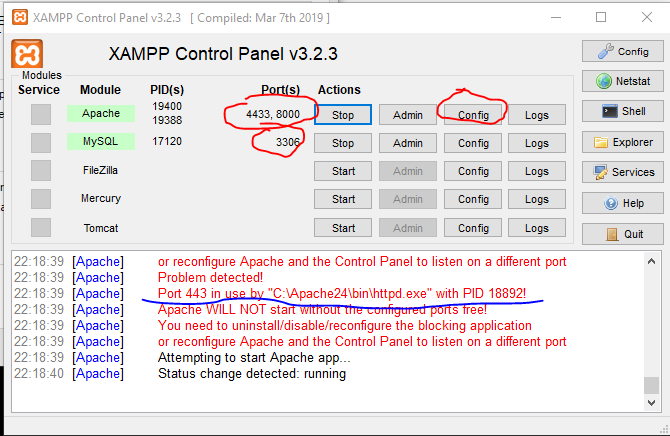
-ServerName localhost:8080

httpd-ssl.conf

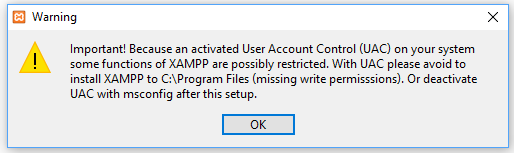
-Listen 4433

-<VirtualHost \_default\_:4433>

-SeverName localhost:4433



Cross-platform web server solution

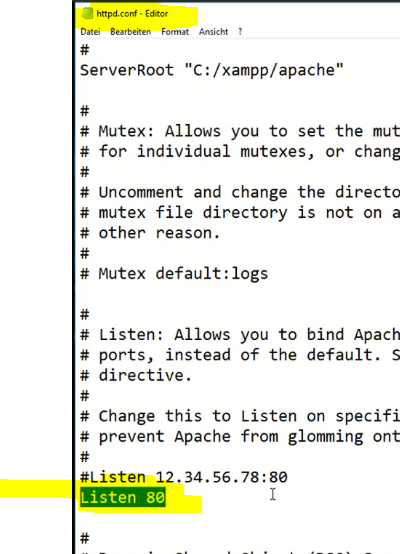


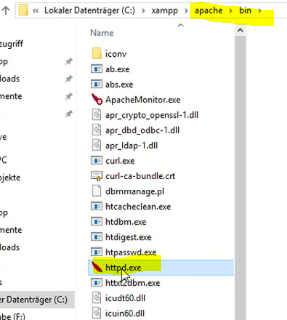
<http://www.zeeronsolutions.com/installing-xampp-on-windows-7-user-account-control-uac-warning-message/>

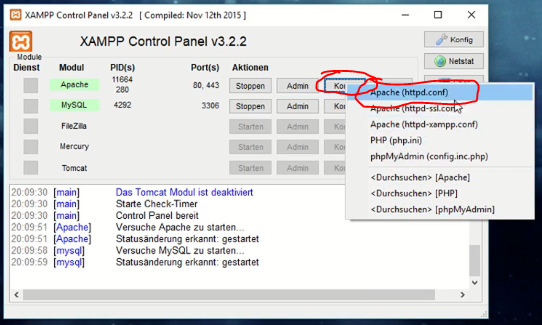
<https://www.youtube.com/watch?v=ZYY3kG1t0F8&t=181s>

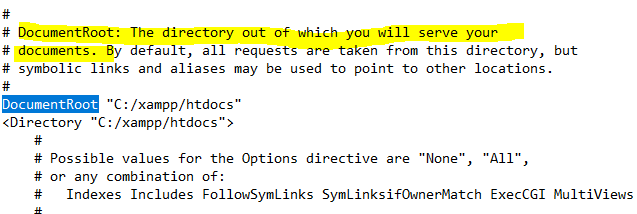
localhost/dashboard

localhost/dashboard/phpinfo.info

127.0.0.1

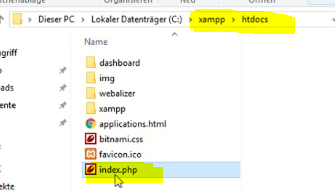


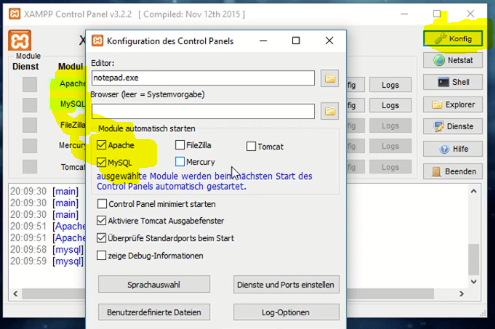




Server laufen lassen

Apache starten

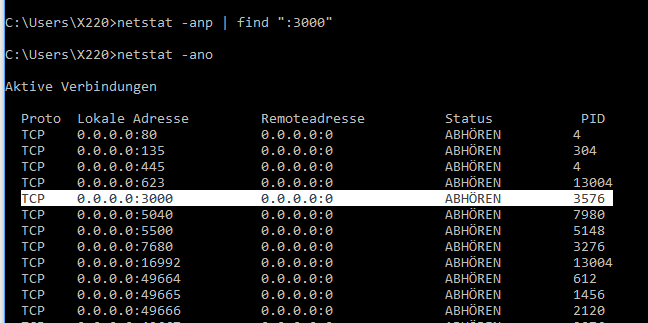




<https://www.youtube.com/watch?v=QBFlR-46aC0>

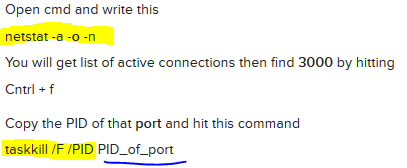
# Troubleshooting

**Using the netstat command to find port information**

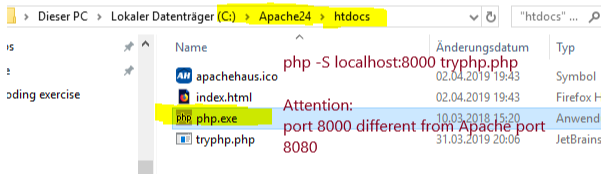


**Keep getting something is already running on port 3000 when do npm**

**localhost:3000** //check information



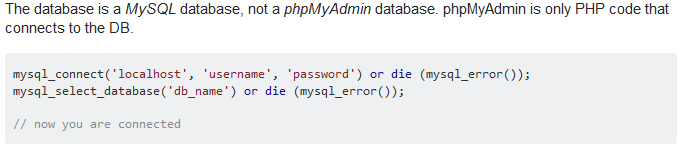
**Apache PHP**



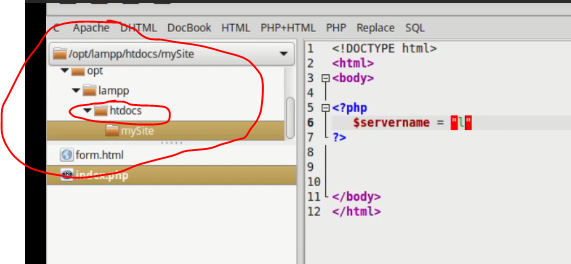
**Connecting to phpMyAdmin database with PHP/MySQL**

<https://stackoverflow.com/questions/2535962/connecting-to-phpmyadmin-database-with-php-mysql>

phpMyAdmin is a free software tool written in PHP, intended to handle the administration of MySQL over the web.

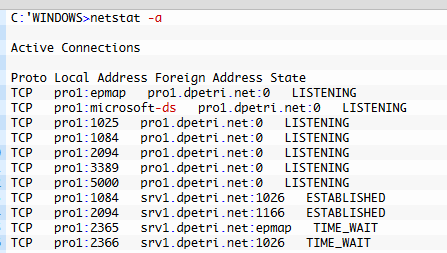


**Web Server ist gefordert**



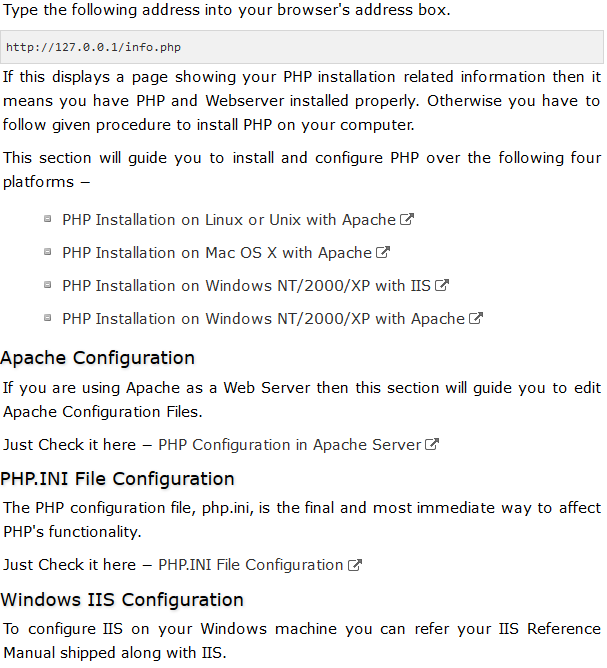
**Quickly find local open ports**

<https://www.petri.com/quickly_find_local_open_ports>

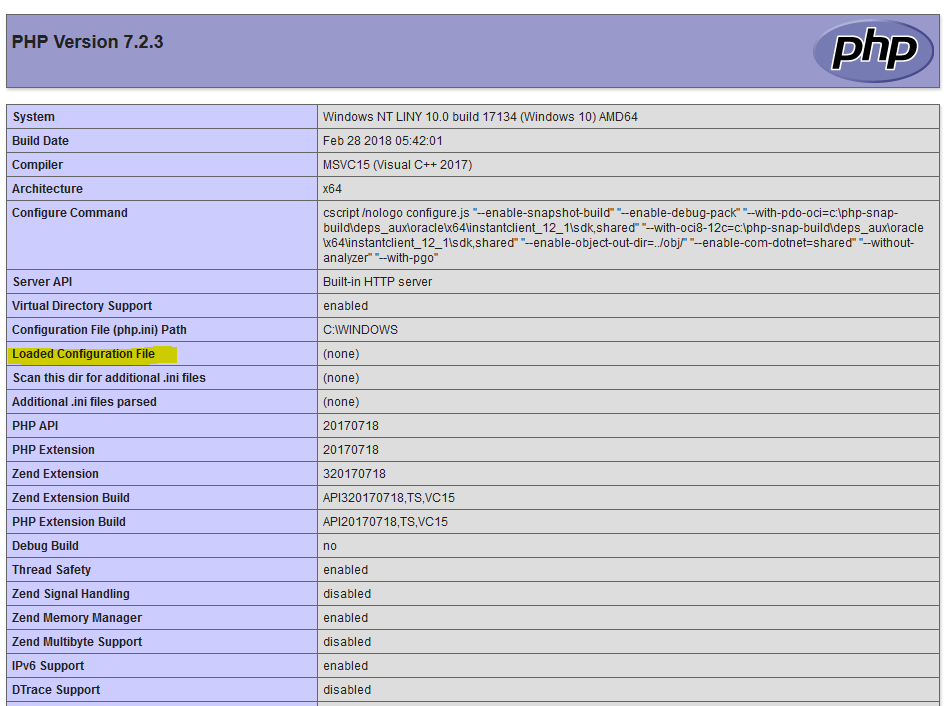


**Missing php.init file**

<https://www.tutorialspoint.com/php/php_environment.htm>

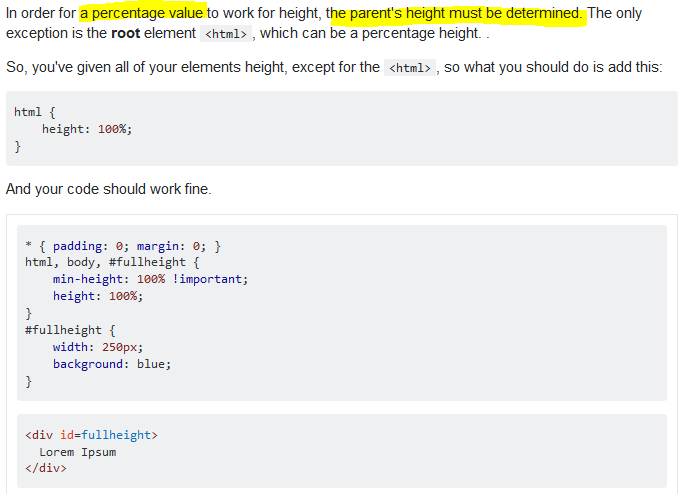


**phpinfo()**



**Why doesn’t height:100% work**

<https://stackoverflow.com/questions/7049875/why-doesnt-height-100-work-to-expand-divs-to-the-screen-height>

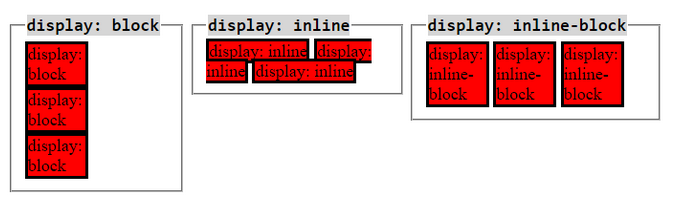


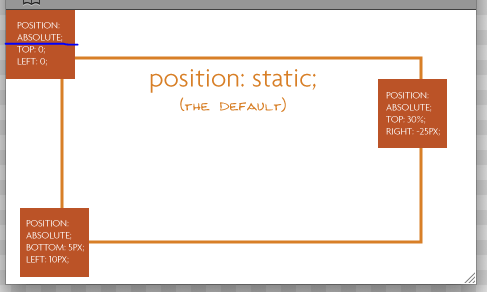
**The difference between <div> and <p>**

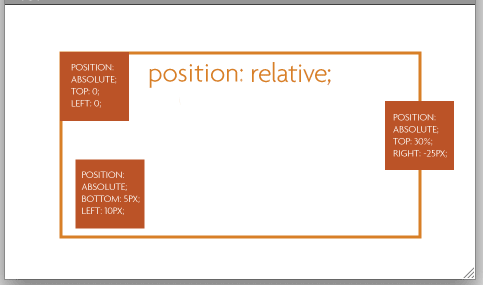
both are block-level elements, the only difference between is semantics

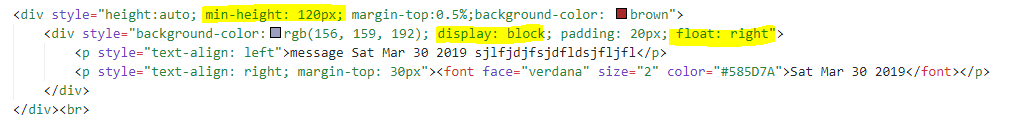
**padding property** – top right bottom left

**position relative** is used when you want to position another element absolutely inside that element.







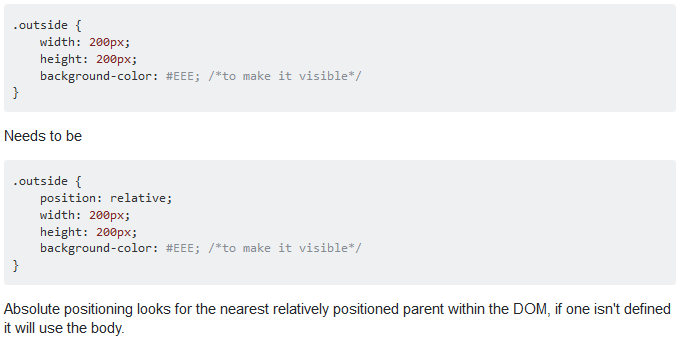


CSS **overflow** property overflow:

-scroll hidden auto visible

Absolute positioning looks for the nearest relatively positioned parent within the DOM.

<https://stackoverflow.com/questions/15358646/css-position-div-to-bottom-of-containing-div>



**Create and use. gitignore file**

<https://stackoverflow.com/questions/10744305/how-to-create-gitignore-file>



<https://stackoverflow.com/questions/8527597/how-do-i-ignore-files-in-a-directory-in-git>



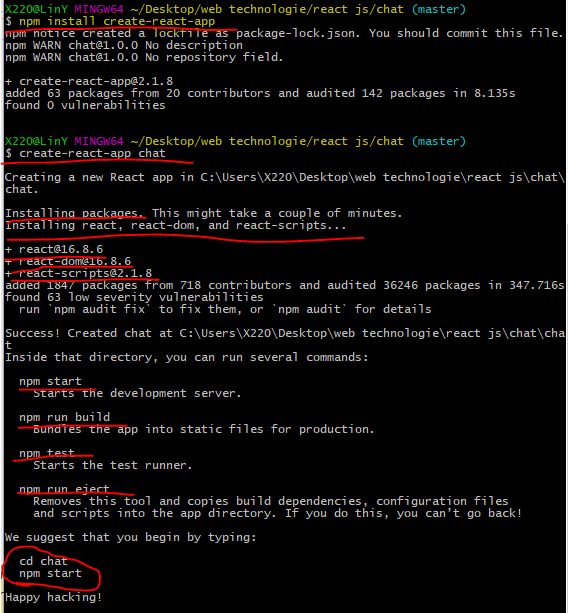
# React

Wie man einen Chat programmiert

npm init

npm install create-react-app

create-react-app chat



<https://tylermcginnis.com/reactjs-tutorial-a-comprehensive-guide-to-building-apps-with-react/>

Create Apps with no Configuration

<https://reactjs.org/blog/2016/07/22/create-apps-with-no-configuration.html>

npm init

**npm install create-react-app**

**create-react-app** hello-world

run npm start to launch the development server

Create React App uses both webpack and Babel under the hood

package.json contains only a single build dependency and a few scripts