

SVKM'S NMIMS Nilkamal School of Mathematics, Applied Statistics & Analytics Master of Science (Data Science) Practical-7 Web Feed

Date:-26/03/2024

Writeup: -

- Web Feed
- RSS and Atom
- Benefits of web feed

Write a program for Web Feed.

<https://www.carronmedia.com/create-an-rss-feed-with-php/>

Step 1

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

| Service | Module | PID(s) | Port(s) | Actions |
|--------------------------|-----------|--------------|---------|-------------------------|
| <input type="checkbox"/> | Apache | 4588 2104 | 80, 443 | Stop Admin Config Logs |
| <input type="checkbox"/> | MySQL | 14824 | 3307 | 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 |

14:27:00 [Apache] Status change detected: running
 14:27:05 [mysql] Problem detected!
 14:27:05 [mysql] Port 3306 in use by "Unable to open process!"
 14:27:05 [mysql] MySQL WILL NOT start without the configured ports free!
 14:27:05 [mysql] You need to uninstall/disable/reconfigure the blocking application
 14:27:05 [mysql] or reconfigure MySQL and the Control Panel to listen on a different port
 14:27:05 [mysql] Attempting to start MySQL app...
 14:27:05 [mysql] Status change detected: running

Step 2

> This PC > Windows (C:) > xampp > htdocs >

| Name | Date modified | Type | Size |
|--------------|------------------|----------------------|-------|
| dashboard | 27-03-2024 14:26 | File folder | |
| demo | 28-03-2024 08:31 | File folder | |
| img | 27-03-2024 14:26 | File folder | |
| rss | 28-03-2024 08:56 | File folder | |
| webalizer | 27-03-2024 14:26 | File folder | |
| webfeed | 30-03-2024 14:43 | File folder | |
| xampp | 27-03-2024 14:26 | File folder | |
| applications | 15-06-2022 21:37 | Chrome HTML Do... | 4 KB |
| bitnami | 15-06-2022 21:37 | Cascading Style S... | 1 KB |
| favicon | 16-07-2015 21:02 | Icon | 31 KB |
| index | 16-07-2015 21:02 | PHP Source File | 1 KB |
| webfeed | 30-03-2024 14:45 | PHP Source File | 1 KB |

Step 3

fetch

```
<?php
$url="https://timesofindia.indiatimes.com/rssfeeds/913168846.cms";
$feedArr=json_decode(json_encode(simplexml_load_file($url)),true);
if(isset($feedArr['channel'])){
    if(isset($feedArr['channel']['item'])){
        echo "<div class='container'>";
        foreach($feedArr['channel']['item'] as $list){
            echo "<div class='item'>";
            echo "<a href='\".$list['link'].\"'";
            target='_blank'><h2>\".$list['title'].\"</h2></a>";
            echo "<div class='desc'>\".$list['description'].\"</div>";
            echo "</div>";
        }
        echo "</div>";
    }else{
        echo "Invalid Feed Link";
    }
}else{
    echo "Invalid Feed";
}
?>
```

```
<style>
.container{
    width: 80%;
```

```

    margin: auto;
}
.item{
    width:300px;
    float:left;
    height:500px;
    padding:10px;
}
.desc img{
    width:100%;
}
</style>

```

create

```

<?php
$con=mysqli_connect('localhost','root','','mscds');
$res=mysqli_query($con,"select * from product order by date desc");
$link='http://google.com';
header('Content-Type: text/xml');
$feed="<?xml version='1.0' encoding='UTF-8' ?>";
$feed.=<rss xmlns:atom="http://www.w3.org/2005/Atom" version="2.0">;
$feed.=<channel>;
$feed.=<title>My Website Feed</title>;
$feed.=<link>'.$link.'</link>;
$feed.=<description>My Website Feed Description</description>;
if(mysqli_num_rows($res)>0){
    while($row=mysqli_fetch_assoc($res)){
        $feed.=<item>;
        $feed.=<title>'.$row['title'].'</title>;
        $feed.=<description>'.$row['description'].'</description>;
        $feed.=<link>'.$row['link'].'</link>;
        $feed.=<guid>'.$row['id'].'</guid>;
        $feed.=<pubDate>'.$row['date'].'</pubDate>;
        $feed.=</item>;
    }
}
$feed.=</channel>;
$feed.=</rss>;
echo $feed;
?>



```

product sql file

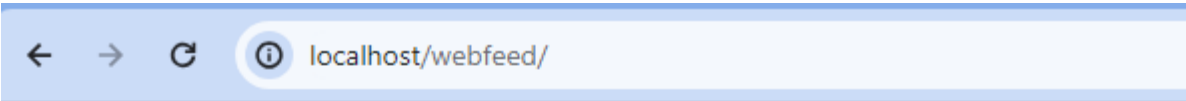


product.sql




This PC > Windows (C:) > xampp > htdocs > webfeed

| Name | Date modified | Type | Size |
|------------------------------------------------------------------------------------------|------------------|-----------------|------|
|  create | 30-03-2024 14:46 | PHP Source File | 1 KB |
|  fetch | 30-03-2024 14:52 | PHP Source File | 1 KB |

Step 4



Index of /webfeed

| Name | Last modified | Size | Description |
|--------------------------------------------------------------------------------------------------------------------|------------------|------|-------------|
|  Parent Directory | | - | |
|  create.php | 2024-03-30 14:46 | 901 | |
|  fetch.php | 2024-03-30 14:52 | 776 | |

Apache/2.4.58 (Win64) OpenSSL/3.1.3 PHP/8.0.30 Server at localhost Port 80

Step 5



[NTA NITTT Feb 2024 results declared: Here's the direct link to download](#)



National Testing Agency released NITTT February 2024 result on March 30, 2024. Candidates can check results on [nittt.nta.ac.in](#). Follow steps to access and save result.

[Delhi School Results for Class 5, 8, 9 & 11 OUT at edudel.nic.in: Direct link to check](#)



Delhi DoE declared results for classes 5, 8, 9, 11 on March 30, 2024. Follow steps on [edudel.nic.in](#) to check, download, and print the results for future reference.

[No right to choose specific school for education: Delhi HC clarifies scope of Article 21A](#)



Delhi High Court clarifies that Article 21A ensures free and compulsory education till age fourteen, not admission to a specific school. Justice C Hari Shankar dismisses plea for Class II admission, noting absence of application for the academic year. Emphasises each year as a new session; directs Directorate of Education to facilitate admission elsewhere.

[Can't teach religion, jingoism for Indian Knowledge Systems](#)



Officials from the state's NEP 2020 steering committee reported concerning trends in higher education institutes, where subjects such as "religion, jingoism, and blind hero-worship" were taught using Indian Knowledge Systems (IKS). They intend to revise NEP implementation by forming a subcommittee to develop guidelines for IKS subjects. Changes include altering subject selection processes to increase flexibility.