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Thread: [\[PHP\] Adding Email Verification to your site](#)

Sldsho - April 8, 2014, 1:45 am

This a tutorial about adding email verification on your site. Feel free to PM me with any problems.

Email Verification: A process by which email address validity is checked before use or in real time when validating a webform entry.

Example: <https://i.imgur.com/57fd0l5.png>

You want your users table to look similar to this: <https://i.imgur.com/hmCB104.png>

I don't have a example of what the email looks like, I currently have this on my localhost.

In config.php
PHP

Code <?php

```
$con = new PDO('mysql:host=localhost;dbname=shadowngu;', 'root', ");
```

```
$a_email = "email@emailprovider.com";
```

```
$s_url = "http://your_site_url.com";
```

```
?>
```

Register.php
PHP

Code <?php

```
require 'config.php';  
session_start();
```

```
if(isset($_POST['register']))  
{  
    $username = $_POST['username'];  
    $email = $_POST['email'];  
    $password = md5($_POST['password']);  
    $password_c = md5($_POST['password_c']);
```

```
if(empty($username) or empty($email) or empty($password) or empty($password_c))  
{  
    echo 'All fields must be filled in!';  
} else  
{
```

```
//Checking if the username entered has already been registered.
```

```
$usrcheck = $con->prepare('SELECT * FROM user_table WHERE username = :username');  
$usrcheck->bindValue(':username', $username, PDO::PARAM_STR);
```

```

$usrcheck->execute();
if($usrcheck->rowCount() >= 1)
{
echo 'Username already exists!';
} else
{
//Checking if the email entered has already been registered.
$emailcheck = $con->prepare('SELECT email FROM user_table WHERE username = :username');

$emailcheck->bindValue(':username', $username, PDO::PARAM_STR);
$emailcheck->execute();
if($emailcheck->rowCount() >= 1)
{
//Checking if the entered email is valid.
if (preg_match("/^([a-zA-Z0-9])+([a-zA-Z0-9\._-])*@([a-zA-Z0-9_-])+([a-zA-Z0-9\._-]+)$/",$_POST['email']))
{
//Generating your unique verification code
$activation = md5(uniqid(rand(), true));

//Confirming passwords match.
if($password == $password_c)
{
$query = $con->prepare('INSERT INTO users (username,email,password,joined,activation)
VALUES(:username,:email,:password,:join_date,:activation)');
$query->bindValue(':username', $username, PDO::PARAM_STR);
$query->bindValue(':email', $email, PDO::PARAM_STR);
$query->bindValue(':password', $password, PDO::PARAM_STR);
$query->bindValue(':join_date', $join_date, PDO::PARAM_STR);
$query->bindValue(':activation', $activation, PDO::PARAM_STR);
$query->execute();

$message = 'To activate your account, please click this link:\n\n';
$message .= $s_url . '/activate.php?email=' . urlencode($email) . '&key=$activation';
$headers = 'From: ' . $a_email . "\r\n" .
'Reply-To: ' . $a_email . "\r\n" . 'X-Mailer: PHP/' . phpversion();
mail($email, 'Registration Confirmation', $message, $headers);

echo 'You have successfully registered, a confirmation email has been sent to ' . $email . '.';
} else
{
echo 'Passwords do not match!';
}
} else
{
echo 'Your email is invalid!';
}
} else
{
echo 'Email already exists!';
}
}
?>

```

Activate.php

```
Code <?php
require 'config.php';
if (isset($_GET['email']) &&
preg_match('/^([a-zA-Z0-9])+([a-zA-Z0-9\._-])*@([a-zA-Z0-9_-])+([a-zA-Z0-9\._-]+)$/',$_GET['email']))
{
$email = $_GET['email'];
}

if (isset($_GET['key']) && (strlen($_GET['key']) == 32))
{
$key = $_GET['key'];
}

if (isset($email) && isset($key))
{
$query_activate_account = $con->query("UPDATE users SET activation=NULL WHERE(email
='$email' AND activation='$key')LIMIT 1");

if ($con->rowCount() == 1) //if update query was successfull
{
echo 'Your account is now active. You may now <a href="login.php">Log in</a>';
} else
{
echo 'Oops, your account could not be activated. Please re-check the link or contact the system
administrator.';
}
} else
{
echo 'Error Occured .';
}
?>
Login.php
```

Code <?php

```
require 'config.php';
if (isset($_POST['login'])) {
session_start();
$username = $_POST['username'];
$password = $_POST['password'];
if (empty($username) or empty($password))
{
echo 'All fields must be filled in!';
} else {
$query_check_credentials = $con->prepare("SELECT * FROM user_table WHERE (username =
:username AND password = :password) AND Activation IS NULL");
$query_check_credentials->bindValue(':username', $username, PDO::PARAM_STR);
$query_check_credentials->bindValue(':password', $password, PDO::PARAM_STR);
$query_check_credentials->execute();
```

```
if($query_check_credentials->rowCount() == 1)
{
$_SESSION['username'] = $username;
echo '<script>>window.location="index.php";</script>';
} else
{
echo 'Your account is inactive or username/password is incorrect.';
}
?>
```

[Source](#)

Perfectionist - April 8, 2014, 1:48 am

Thanks for this, bookmarked for later reading :)

Im still a web dev noob, but I guess I could get this to work

shqipenet - February 13, 2015, 8:04 am

Could you pls explain it a little bit ?

Gonzalez™ - February 13, 2015, 8:15 am

This should be in the php section. ?

Squito - February 13, 2015, 2:16 pm

Md5 used for password hashing... no comment. Also filter_var exists for a good reason. No indenting. Due to no indenting there are 2 missed } signs at the end of both register.php and login.php. Also there are bunch of formatting inconsistencies. PDO should not be used in a tutorial for newbies (or a lot more comments should be added). Newbies may find hard to understand OOP.

PS: there is a [php] BBCode too for PHP code.

PPS: it's interesting that your tutorial is so similar to [this one](#). Strange.

LetMeGame - February 13, 2015, 2:40 pm

This thread has been ripped.

<http://webcache.googleusercontent.com/search?q=cache:CblUt8n2SIAJ:www.nextgenupdate.com/forums/computer-programming/724599-php-adding-email-verification-your-site.html+&cd=5&hl=en&ct=clnk&gl=en>

Kami06 - February 14, 2015, 7:53 am

Its hard for me to understand this as i am complete noob still. :/