

Mailinglist – php example code – part 4 – unsubscribe by e-mail

Article focus on mechanism for unsubscribing users from mailinglist by their e-mails. Because this part is meant to be available for admin, full list of subscribers are shown after all removing action for further look.

Form part

Form part is simplest ever, because consists only from one input field gaining e-mail address to unsubscribe from mailinglist.

Mailinglist app v 1.0 - unsubscribe from mailinglist

Subscriber with e-mail: test@test5.sk has been succesfully removed from mailinglist.



e-mail to unsubscribe:

test@test5.sk

UNSUBSCRIBE

RESET FORM

Your e-mail: test@test5.sk
has been succesfully removed from mailinglist.

Our subscribers mailinglist

id	firstname	lastname	date	email
8	User	Lastname	2020-09-19 18:20:25	test@test7.sk
7	User	Lastname	2020-09-19 18:20:21	test@test6.sk
5	User	Lastname	2020-09-19 18:20:12	test@test4.sk
4	User	Lastname	2020-09-19 18:20:08	test@test3.sk
2	User	Lastname	2020-09-19 18:18:41	test@test2.sk
1	Milan	Ciljak	2020-09-19 18:18:12	test@test.com

```

<form method="post" action="<?php echo $_SERVER[,PHP_SELF']; ?
>">
    <div class="form-group">
        <label>e-mail to unsubscribe:</label>
        <input type="text" onfocus="this.value='@'  nam
e="email" class="form-
control" value="<?php echo isset($_POST[,email']) ? $email : ,
Write e-mail address to unsubscribe here'; ?>">
    </div>

    <button type="submit" name="submit" class="btn btn-
warning"> Unsubscribe </button>

```

Unsubscribe by e-mail php code

For finding and removing unwanted subscribers from a database table is used simple matching e-mail address.

```

<?php
    // two variables for message and styling of the message with bootstrap
    $msg = "";
    $msgClass = "";

    // default values of auxiliary variables
    $email = "";

```

```

    $is_removed = false; //before hitting submit button no result is available

    if(filter_has_var(INPUT_POST, 'submit')){
        // Data obtained from $_postmessage are assigned to local variables
        $email = htmlspecialchars($_POST['email']);

        // Controll if all required fields was written
        if(!empty($email) ) {
            // If check passed – all needed fields are written
            if(filter_var($email, FILTER_VALIDATE_EMAIL) === false){
                // E-mail is not valid
                $msg = 'Please use a valid email';
                $msgClass = 'alert-danger';
            } else {
                // E-mail is valid – now delete row with matching e-mail

                // make database connection
                $dbc = mysqli_connect("localhost", "admin", "test*555", "test");

                // Check connection
                if($dbc === false){
                    die("ERROR: Could not connect to database. " . mysqli_connect_error());
                }

                // create DELETE query
                $sql = "DELETE FROM mailinglist WHERE email = '." . $email . "'";

                if(mysqli_query($dbc, $sql)){

                    $msg = 'Subscriber with e-mail: ' . $email . ', has been successfully removed from mailinglist.';

```

```

        $msgClass = ,alert-success';
        $is_removed = true;

        // clear entry fields after sucess
full deleting from database

    } else {

        $msg = „ERROR: Could not able to e
xecute $sql. “ . mysqli_error($dbc);
        $msgClass = ,alert-danger';
        $is_removed = false;
    }

    // end connection
    mysqli_close($dbc);

};

} else {
    // Failed – if not all fields are fullfiled
    $msg = ,Please fill in all fields';
        $msgClass = ,alert-
danger'; // bootstrap format for allert message with red color
};

};

// if reset button clicked
if(filter_has_var(INPUT_POST, ,reset')){
    $msg = “;
    $msgClass = “; // bootstrap format for allert message
with red color
    $subject =“;
    $email =“;

};

```

?>

Full code of mailinglist app can be obtained from [here](#).