

AJAX Requests: jQuery vs XMLHttpRequest

```
$.ajax({
  method: 'post',
  url: 'functions.php',
  dataType: 'json',
  data: {ajaxsearch: searchname},
  success: function(data) {
    console.log(data);
    var output = "";
    for(var i in data) {
      output += "<tr
class='classmate'><td class='edit-
classmate'><input type='checkbox'
value='" + data[i].id + "'></td>" +
      "<td>" + data[i].name + "</td>" +
      "<td>" + data[i].major + "</td>" +
      "<td>" + data[i].hometown +
"</td>" +
      "<td>" + data[i].age + "</td>" +
      "<td>" + data[i].gender +
"</td></tr>";
    }
    console.log(output);
    $(".classmate").fadeOut(300);
    $("#classmate-head").fadeIn(300,
function() {
  $(this).after(output);
});
$('.edit-classmate').hide();
}
})
})
```

```
document.getElementById("sub").addEventListener('click',
loadMain);
function loadMain(e) {
  e.preventDefault();
  var search =
document.getElementById("search").value;
  console.log(search);
  var xhr = new XMLHttpRequest();
  xhr.open('GET', 'process.php', true);
  //xhr.setRequestHeader('Content-type', 'application/x-
www-form-urlencoded');

  xhr.onload = function() {
    if (this.status == 200) {
      console.log("sent");
      var posts = JSON.parse(this.responseText);
      console.log(posts);
      var output = "";
      for (var i in posts) {
        output += "<div class='col-md-6 results'><div
class='well'><h2>" + posts[i].post_title +
          '</h2><p>' + posts[i].post_content +
'</p></div></div>';
      }
      $(".articles").html(output).fadeIn(500);
    } else {
      console.log("Connection failed");
    }
  }
  xhr.send();
}
```

password_hash("userpw", PASSWORD_DEFAULT) creates a new password hash using a strong one-way hashing algorithm.

```
bool password_verify ( string $password , string $hash );
session_start();
$_SESSION['user'] = $_POST['name'];
Session_unset();
Session_destroy();
```