

The old style service files. (.php .js and service.php)

as of now the three files follow (or should follow) this standard.

File	Function	Comment
webpage.php	Static Form and Login Handling	
webpageservice.php	All web service functionality	
webpage.js	Any dynamic functionality for that webpage	

Where the .php file is initialized first.

.php

This file needs to have a few includes to enable communication between the files.

```
<script src="../../Shared/js/jquery-1.11.0.min.js"></script>
<script src="../../Shared/js/jquery-ui-1.10.4.min.js"></script>
<script src="../../Shared/dugga.js"></script>
<script src="log.js"></script>
```

// these allow us to use ajax

"../../Shared/js/jquery-1.11.0.min.js"

"../../Shared/js/jquery-ui-1.10.4.min.js"

// gives us access to the function "AJAXService(opt,apara,kind)". this is used to send values to service.php

"../../Shared/dugga.js"

//links the .js file to .php file. This will allow us to use functions in the .js file from the .php file. And access values from the .php file true id's and tags.

"whateverTheFileIsNames.js"

.php -> .js

Example:

a value is placed in a hidden input in log.php.

log.php

```
<input type="hidden" id="tableName" name="tableName" value="<?php echo $tableName; ?>">
```

that value can be accessed in log.js by retrieving its value with the specified id.

log.js

```
var tableName = document.getElementById("tableName").value;
```

you can also access values through the use of tags

log.php

```
<table border='1'>
  <tr>
    <th><a href='log.php?order=id&&sort=$sort'>id</a></th>
    <th><a href='log.php?order=type&&sort=$sort'>type</a></th>
    <th><a href='log.php?order=courseid&&sort=$sort'>courseid</a></th>
    <th><a href='log.php?order=uid&&sort=$sort'>uid</a></th>
    <th><a href='log.php?order=username&&sort=$sort'>username</a></th>
    <th><a href='log.php?order=exampleid&&sort=$sort'>exampleid</a></th>
    <th><a href='log.php?order=timestamp&&sort=$sort'>timestamp</a></th>
  </tr>
</table>
```

log.js

```
table = document.getElementsByTagName("table")[0];
```

These do not have to be the only way to send data, there probably exist better ways. but this is what i found and know works.

.js -> dugga.js -> service.php

Knowing this you can now send information from the .js file to service.php file through the AJAXservices function located in dugga.js, which you have access to through the link between .js and .php.

JS log.js

```
function setup(){
    var tableName = document.getElementById("tableName").value;
    var order = document.getElementById("order").value;
    var sort = document.getElementById("sort").value;

    AJAXService("GET", { tableName: tableName, order: order, sort: sort}, "LOG");
}
```

For now the last parameter is most important, in this case "LOG" is written.

This is the "kind" parameter `function AJAXService(opt,apara,kind)` which is used in the function to distinguish between the different services.

<pre>1282 else if(kind=="LOG") { 1283 \$.ajax({ 1284 url: "logservice.php", 1285 type: "POST", 1286 data: para, 1287 dataType: "json" 1288 }); 1289 }</pre>	<pre>1132 }else if(kind=="RESULT"){ 1133 \$.ajax({ 1134 url: "resultedservice.php", 1135 type: "POST", 1136 data: "opt="+opt+para, 1137 dataType: "json", 1138 success: returnedResults 1139 });</pre>
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To add a service using the old way of creating a service. You just add a new "else if" statement with the correct parameters, such as:

- **url:** where the information is to be sent.
- **type:** POST
- **data:** depends on what kind of values are to be sent.
 - *opt:* contains the chosen option, (GET, PULL)
 - *apara:* sent parameters(in the example above, an associative array, as json)
 - *kind:* selects which ajax request to use.
- **datatype:** what type of data that is to be sent (json, text, object and so on)

service.php

The service file does changes in the background as such no information is sent back from this file, though changes are made in the database (such as INSERT, UPDATE, DELETE). That information can then be retrieved in the other files.