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Display JSON Data with jQuery and Ajax

JSON (*Java Script Object Notation*) is a lightweight data passing format and human readable contains java structures. In this post I want to explain *Creating JSON file with PHP* and *Display JSON data using jquery and Ajax*. Using JSON we can interchange data between the browsers and the server.

Download Script   Live Demo
XML Structure

```
<posts>

     <title>9lessons | Programming Blog</title>
<url>http://9lessons.blogspot.com</url>

<title>jQuery and Ajax Demos</title>
<url>jquery-and-ajax-best-demos-part-3.html</url>

</posts>
```

JSON Structure
Take a look at *data.js* file click here

```
{"posts":
{
"title":"9lessons | Programming Blog",
"url":"http://9lessons.blogspot.com"
},
{
"title":"jQuery and Ajax Demos Pard - 3",
"url":"jquery-and-ajax-best-demos-part-3.html"
},
}
```

Javascript Code

Loading *data.js*(json file) data using jQuery and Ajax. Take a look at live preview click here

```
<script type="text/javascript" src="http://ajax.googleapis.com/ajax/
libs/jquery/1.3.0/jquery.min.js"></script>
<script type="text/javascript">
$(function()
{
$(document).ready(function()
{
$.getJSON("data.js",function(data)
{
$.each(data.posts, function(i,data)
{
var div_data =
"<div ><a href='"+data.url+"'>"+data.title+"</a></div>";
$(div_data).appendTo("#9lessonsLinks");
});
}
);

return false;

});
});
</script>

<div id="9lessonsLinks"></div>
```

Load Click

Load data while clicking just replace javascript code : *$(document).ready(function()* to
$('.load').click(function() Live Preview Click Here

```
$(".load").click(function()
{
----
----

return false;

});

<div>

<input type="button" value=" Load " class="load" />

</div>
<div id="9lessonsLinks"></div>
```

Creating JSON file with PHP

Database Table Posts

CREATE TABLE Posts
{
id INT PRIMARY KEY AUTO_INCREMENT,
title VARCHAR(200),
url VARCHAR(200)
}

json_data.php
Contains simple PHP code.

<?php

```
include('config.php');
$sql=mysql_query("select * from Posts limit 20");
echo '{"posts": [';
while($row=mysql_fetch_array($sql))
{
$title=$row['title'];
$url=$row['url'];
echo '

"title":"'.$title.'",

"url":"'.$url.'"

},';
}
echo ']}';
```


Loading PHP file

If you want to load PHP file replace javascript code *$.getJSON("data.js",function(data)*
to
$.getJSON("json_data.php",function(data)

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