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Used java,css code comes from :

<https://metroui.org.ua/>

<https://github.com/olton/metroui>

<https://v5.metroui.org.ua/>

Created for webbuilder an extension in order to use this in your projects

<https://www.wysiwygwebbuilder.com/index.html>

the extension is found :

<https://github.com/joske1958/www.wysiwygwebbuilder.com>

In order to work with my code you can download it

<https://github.com/joske1958/METROUI>

Needed files before we can start on your webpage

see inc_metro_functions.php => function **WIG_chk_needed_files()**

```
$needed_files="metro_5_1_20.css animate.css metro_5_1_20.js incl_metro_functions.php incl_metro_functions_1.php incl_metro_functions_2.php  
incl_metro_javascript.php";
```

Be aware when there is a new metro version that the script is modified to latest version

Make sure that for the created webpage the extension is .php !!! and you have r/w access

At the beginning of your page/code add :

```
<?php  
include_once("incl_metro_functions.php");  
WIG_tooltip("ON");  
?>
```

Once created you have on left top , right bottom a field please move cursor + click on it to see if it works

Or

WIG_btn("caption=demo","cmd=WIG_container||visibility=hidden||exec=WIG_demo");

Rules to follow :

New functions must start with : **WIG_**

The used separators are ||| or |%| or %%%

New SESSION vars must start with : **W_**

Example => `$_SESSION["W_tooltip"]="ON";`

Session vars are saved in a file so data is not lost by refresh or load of the page

Used function is **WIG_save_session_vars()**

This function is called everytime with load or refresh

Right click is enabled and by default it is calling

`$_SESSION["W_right_click"] =`

`"WIG_container=cmd=WIG_menu||my_option=h-menu||txt_tablename=h-menu2.dat";`

It can be changed inside **WIG_demo** with dropdown => modify

Incl_metro_functions.php

Set global session vars line +/- 42-56

```
// first session,global default values to OFF,ON do not remove START
foreach (explode(" ","W_style W_logger W_go_up W_translate W_tooltip W_demo") as $i )
next :
// check needed scripting .css .js .php !! important generate alarm when missing
WIG_chk_needed_files();
```

Next :

```
// load default session vars of user none or any other
$my_include=$_SESSION["username"] . "_incl_session_var.php";
No file create default :
if ( !file_exists($my_include) ) {WIG_save_session_vars();}
file load users vars
if ( file_exists($my_include) ) {include($my_include);}
```

Next :

```
// reset the GLOBAL arrays to default values used often
WIG_reset_global_vars();
```

Next :

```
// when writing/testing php code please set DEBUG to on , on prod turn OFF
$_SESSION["DEBUG"]="ON";
// set error reporting
```

Next :

```
// send date and session_id to the console
$my_date=date("d/m/y : H:i:s", time());
$new_session=json_encode( $my_date . " ... user :" . $_SESSION["username"] . "... session_id =>" . $_SESSION["session_id"]);
echo "<script type=\"text/javascript\">console.log($new_session);</script>";
```

Next :

```
// create the objects for metro ui in order to use them with WIG_show , WIG_hide
WIG_create();
```

Next :

```
// change styles based on value of a txt db is no longer needed as metro has its own
WIG_change_style_from_txt_db();
```

Next :

```
// enable events inside container onclick etc ..it uses a tekst file
WIG_container_events();
```

Next :

```
// enable button to scroll page to top
WIG_go_up();
```

Next :

```
// check if we used GET or POST
WIG_GET();
WIG_POST();
```

Next :

```
// enable the hotkeys
WIG_hotkey();
```

Next :

```
// enable the crontab ( repeated objects WIG_* )
WIG_cron();
```

Next :

```
// open or close translator
WIG_translate();
```

Next :

```
// set event for mouse right click
WIG_right_click();
```

Next :
// start logging to console and global log
WIG_log("logging started ");

Next :
Line 184 – end the different functions

incl_metro_functions_1.php + functions inside

// HELP global arrays used and reset them when needed with default values + create needed directories
function **WIG_reset_global_vars()**

Next :
// HELP start demo using dropdown last option is always used with session var W_demo

function WIG_demo()

this function is a guideline about every used function + help
the best way to call this function is inside WIG_container with a button to trigger
WIG_btn("caption=wig_demo","cmd=WIG_container||WIG_demo");
Or in browser
?WIG_container=cmd=WIG_demo||visibility=hidden

function WIG_wizard()

is using variable w_wizard + seperator %%%
\$GLOBALS["WAR_wizard"]=["w_wizard"=> "WIG_debug%%%WIG_fill%%%WIG_dt%%%WIG_dt"
Example : WIG_wizard("w_wizard=WIG_fill%%%WIG_dt"); any combination between %%% is valid
With btn
WIG_btn("caption=wig_wizard","cmd=WIG_wizard||w_wizard=WIG_fill%%%WIG_dt");
Or in browser
http://localhost/W20_METRO/test.php?WIG_wizard=class=fg-red||w_wizard=WIG_fill%%%WIG_fill
or in browser with JAV_p
http://localhost/W20_METRO/test.php?JAV_p=WIG_wizard||class=fg-red||w_wizard=WIG_fill%%%WIG_fill
or inside html code with php
echo "<script type='text/javascript'> \$(document).ready(function() { JAV_p(WIG_wizard||class=fg-red||w_wizard=WIG_fill%%%WIG_fill); });</script>";
?JAV_p=JAV_show_hide&WIG_clock

incl_metro_functions_2.php

Different ways to call WIG_demo

WIG_btn("caption=howto.pdf","cmd=WIG_iframe||iframe=howto.pdf");
WIG_btn("caption= javp toast","cmd=JAV_p=WIG_toast||txt=hello2||delay=4000");
WIG_btn("caption= javp msg","cmd=JAV_p=WIG_msg||txt=hello");

Incl_metro_javascript.php

This contains the various java functions must start with JAV_
See script

Function : WIG_metro()

With this function you can call any component from : <https://v5.metroui.org.ua/overview/>

Please check code inside WIG_metro()

See doc on :

<https://v5.metroui.org.ua/getting-started/components/>

as we only need data-role to show the component taking container as example

```
WIG_btn("caption=wig metro","cmd=WIG_metro|||data-role=container");
Wig_metro()
WIG_reset_global_vars(); => reset to std value
$my_function=__FUNCTION__;$my_function=str_replace("WIG","WAR","$my_function");
$GLOBALS["$my_function"]=array_merge($GLOBALS["WAR_metro"],func_get_args()); => merge the arrays + given parameters
$my_style=WIAG_bs($GLOBALS["$my_function"]); => set the style + class + data-role
$my_delay=$GLOBALS["$my_function"]["delay"]; $my_txt=$GLOBALS["$my_function"]["txt"]; => get txt + delay
$animation=$GLOBALS["$my_function"]["animation"];
usleep(100); $time_end=round(microtime(true) * 1000); $my_id="$my_function" . "_" . "$time_end";
echo "<div $my_style id=$my_id>"; => create the component start
$seconds=round($my_delay / 1000, 0, PHP_ROUND_HALF_UP); $seconds=$seconds . "s";
if ( $my_delay > 1000 && $GLOBALS["$my_function"]["visibility"] != "hidden" ) {WIG_progress("timer=$my_delay");}
if ( $my_delay > 1000 ) {echo "<script type='text/javascript'>JAV_show_hide('$my_id','$animation','$seconds');</script>"}
if ( $my_delay < 1000 && $GLOBALS["$my_function"]["visibility"] != "hidden" ) {echo "<script
type='text/javascript'>JAV_show('$my_id','$animation','$seconds');</script>"}
WIAG_bs_exec($GLOBALS["$my_function"]); => execute the cmd , exec ,exec2 ....
if ( preg_match('/^YES/ ', $GLOBALS["$my_function"]["close_btn"]) == 1 ) => add the close button !! can be disabled by setting to NO
{WIG_btn("caption=X","cmd=JAV_hide|||$my_id||none","top=10px","right=10px","position=absolute","background-color=red !important");}
echo "</div>"; => create the component end
```

Tools

Dropdown's on same line

Inside WIG_dropdown we added GLOBALS["\$my_function"]["display"]="inline-block";
echo "<pre>"; WIG_dropdown(); WIG_dropdown(); echo "</pre>";

[examples](#)

launch container , set color + execute inside container WIG_menu with option v-menu

1)

http://localhost/W20_METRO/test.php?JAV_p=WIG_container|||my_option=left|||class=fg-red%20bg-blue|||height=250px|||cmd=WIG_menu|||my_option=v-menu

2)

WIG_btn("caption=test jav_p :container => wig_v-menu","cmd=JAV_p|||WIG_container=my_option=left|||class=fg-red bg-blue|||height=250px|||cmd=WIG_menu|||my_option=v-menu");

3)

WIG_container("my_option=left","class=fg-red bg-blue","visibility=hidden","height=250px","cmd=WIG_menu|||my_option=v-menu");

4)

!!! no page refresh as it is launched with JAV_p

WIG_btn("caption=test jav_p :container => wig_v-menu","cmd=JAV_p|||WIG_container=my_option=left|||class=fg-red bg-blue|||height=250px|||cmd=WIG_menu|||my_option=v-menu");

WIG_btn("caption=container test","cmd=WIG_container|||exec=WIG_demo|||visibility=hidden|||z-index=0","refresh=NO");

WIG_btn("caption=jav_p dt","cmd=JAV_p|||WIG_window=DEBUG=ON");

WIG_btn("caption=help","cmd=WIG_container|||visibility=hidden|||exec2=WIG_clock|||exec=WIG_help|||my_help=WIG_metro");

WIG_btn("caption=jav_show_hide","cmd=JAV_show_hide|||WIG_clock|||slideInLeft|||7s");

WIG_btn("caption=msg ok","cmd=WIG_msg|||WIG_dt|||class=fg-red bg-

blue|||my_pos=tr|||delay=5500|||exec=WIG_clock|||DEBUG=ON|||exec2=WIG_show_hide|||WIG_clock|||exec3=JAV_show_hide|||WIG_box");

WIG_btn("caption=jav_p","cmd=JAV_p|||WIG_msg=cmd=WIG_dt|||class=fg-red bg-

blue|||my_pos=tr|||delay=5000|||exec=WIG_clock|||DEBUG=ON|||exec2=WIG_show_hide|||WIG_clock");

WIG_btn("caption=wig_box","cmd=JAV_show_hide|||WIG_box");

WIG_btn("caption=wig_window","cmd=JAV_show|||WIG_window");

WIG_btn("caption=wig_box","cmd=WIG_show|||WIG_box");

WIG_btn("caption=wig_box 2","cmd=WIG_metro|||width=1200px|||height=600px|||delay=2000|||DEBUG=ON|||cmd=JAV_show_hide|||WIG_box");

positioning

you always can change the position by changing the std values defined in incl_metro_functions1.php

function WIG_reset_global_vars()

```
$GLOBALS["WAR_metro"] = ["data-role" => "container", "class" => $_SESSION["W_class"], "left" => "5px", "top" => "25px", "width" => "95%", "height" => "600px",
```

Example : (we are overwriting below the std settings)

```
WIG_btn("caption=wig metro", "cmd=WIG_metro ||| data-role=container", "left=20px", "top=200px");
```

However by using my_pos you can use it differently + we are increasing or decreasing the value and this

Can be used in WIG_toast() or WIG_msg() or WIG_container() or in nearly any function

the positioning is done inside function WIAG_bs()

the used variable is **my_pos** , the value can be : **right,tr,mid,mr,ml,br,bl**

see example below where we start a toast

1) No page refresh using WIG_btn

```
WIG_btn("caption=msg", "cmd=WIG_msg ||| width=100% ||| txt=msg testing ||| my_pos=tl ||| cmd=WIG_dt ||| class=bg-light-green fg-blue", "refresh=NO");
```

2) No page refresh

```
WIG_btn("caption=jav_p msg", "cmd=JAV_p ||| WIG_msg=DEBUG=ON ||| my_pos=tl ||| class=bg-green fg-red");
```

3) No page refresh

```
WIG_btn("caption=jav_p toast", "cmd=JAV_p ||| WIG_toast=my_pos=tl ||| txt=mmmmm");
```

4) with page refresh and delay

```
WIG_btn("caption=toast", "cmd=WIG_toast ||| my_pos=tr ||| delay=5500");
```

5) call from php

```
echo "<script type='text/javascript'> $(document).ready(function() { JAV_p('WIG_toast=my_pos=tl ||| txt=mmmm'); });</script>"
```

6) from url using JAV_p no page refresh

```
http://localhost/W20_METRO/test.php?JAV_p=WIG_toast ||| my_pos=tr ||| txt=mmmm
```

7) from url with page refresh

```
http://localhost/W20_METRO/test.php?WIG_toast=my_pos=tr ||| txt=mmmm ||| delay=5000
```

we are also using the separator '|||'

color

In order to modify the color it is easy to change by adding class="fg-red bg-blue" (the color)

<https://v5.metroui.org.ua/common-css/colors/>

the global std color is set by default to

```
$_SESSION["W_class"] = "bg-light-green fg-blue";
```

This session var is saved with WIG_save_session_vars() in file

```
$_SESSION["username"] . "_incl_session_var.php";
```

So each user has his own file so once changed it is always used until you remove the file

We can change the value by

```
WIG_btn("caption=modify session W_class", "cmd=WIG_container ||| z-index=10000 ||| WIG_change_session_var ||| W_class");
```

Or url :

```
http://localhost/W20_METRO/test.php?WIG_container=z-index=10000 ||| cmd=WIG_change_session_var
```

or in WIG_demo()