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Used java,ccs 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 seperators 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 + separator %%%  
$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 positiong 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 seperator '|||'

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()