

Guidelines:JavaScript_Compatibility

It's important to maintain Javascript cross browser compatibility. In order to do this, please respect the following tips.

General tips

It's important to define **the scope of variables**.

- If you want to create a local variable inside a function then use *var* statement at declaration time. For example:

```
function some_function() {
  var parent = value[['parent']];
  var child = value[['child']];
  .
  .
  .
```

- If you want to create a global variable then use *var* statement outside a function in declaration time. For example:

```
document.ready( function{
  var global_counter;
  .
  .
  .
```

Jquery UI 1.7

First, if you use the current stable version of Jquery you should not have any problems. If you want to use the **Jquery 1.7 drag and drop functionality with IE9** you have to change HTML headers in order to use the IE7 render mode. To render with IE7 mode comment the HTML statement `<!DOCTYPE...` of the HTML header:

```
echo '<\!--<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">--\>' . "\n";
```

and set the meta tag compatibility with IE7:

```
echo '<meta http-equiv="X-UA-Compatible" content="IE=7" >' . "\n";
```

You have an example in Pandora FMS index.php page (we use drag & drop in visual console editor and preview):

```
.
```

```
.
.
?>
<?php
// Render with IE7 mode in visual console editor and preview (due to jquery
drag and drop functionality doesn't work in IE9)
if (($sec2 == 'godmode/reporting/visual_console_builder' and $tab_vc ==
'editor') or ($sec2 == 'operation/visual_console/render_view')) {
    echo '<!--<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">--\>'. "\n";
    echo '<meta http-equiv="X-UA-Compatible" content="IE=7" >' . "\n";
}
else {
    echo '<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">'. "\n";
    echo '<meta http-equiv="X-UA-Compatible" content="IE=9" >' . "\n";
}
echo '<html xmlns="http://www.w3.org/1999/xhtml">' . "\n";
?>
<![endif]-->
.
.
.
```

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