SOFTWARE

AVOID BROWSER FLICKERING WITH DARK BACKGROUNDS

12.04.2014

There is no ultimate solution to avoid the white phase when switching pages in the browser.

Here is a rather simple strategy using embedded pictures. This is usually not recommended as the necessary base64 encoding includes quite some overhead. It influences, however, the browser rendering by <u>basically blocking the download of the remaining page</u> which is probably the anti-flickering effect.

```
echo '<img src="data:image/png;base64,';
echo base64_encode(file_get_contents($file));
echo '"/>';
```

Works mostly, but not always. Another interesting approach has been <u>suggested by</u> <u>another user</u>, eg decreasing page loading time by async loading before switching between pages. I didn't like that so much as it keeps the pages in your browser piling up.

So finally I did a small page only with a large iframe that is covered by a black div and removed only after loading the iframe content. Works on all tested browsers.

```
<style>
#preload {
background:black;
width:100%;
height:100%;
z-index:2;
top:0px;
left:0px;
position:absolute;
</style>
<script>
$(function(){
   $('#iframe').load(function(){
    $(this).show();
    $('#preload').fadeOut();
  });
});
</script>
<div id="preload">loading...</div>
<iframe src="http://external.url.de" id="iframe">
</iframe>
```

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