

Wt - Bug #3608

WGLWidget does not work in WidgetSet mode

09/27/2014 07:47 PM - Prasad Dixit

Status:	Closed	Start date:	09/27/2014
Priority:	High	Due date:	
Assignee:	Wim Dumon	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
I have trying to have multiple WGLWidget displayed in a web page using WidgetSet mode but it is not working. In a normal Application mode it works as expected.			
To do dome testing I added WText Widget under WGLWidget and WText widget works fine in both Application and WidgetSet mode.			
I have attached the source code. It is adapted Hello WidgetSet example (https://github.com/kdeforche/wt/tree/master/examples/feature/widgetset)			

History

#1 - 09/29/2014 03:35 PM - Wim Dumon

- File *test_wt_gl_widgetset.html* added

Thank you for the test case. Indeed I can reproduce this error.

The reason is that Wt did not perform the test to confirm the presence of webgl. You'd need to pass this manually, or Wt will fall-back to server side rendering.

The attached html file sets the webgl flag for widget set mode.

We use this code to detect WebGL presence in the client:

```
if (window.WebGLRenderingContext) {
    var canvas = document.createElement("canvas");
    var ctx = null;
    try {
        ctx = canvas.getContext('webgl', {antialias: true});
    } catch (e) {}
    if (ctx == null) {
        try {
            ctx = canvas.getContext('experimental-webgl');
        } catch (e) {}
    }
    if (ctx != null) {
        otherInfo += "&webGL=true";
    }
}
```

Best regards,

Wim.

#2 - 10/09/2014 03:37 PM - Koen Deforche

- Status changed from *New* to *Resolved*

- Assignee set to *Wim Dumon*

#3 - 10/22/2014 02:28 AM - Koen Deforche

- Status changed from *Resolved* to *Closed*

Files

GL_WidgetSet_Test.cpp	4.08 KB	09/27/2014	Prasad Dixit
Gl-App In Application mode.png	19.6 KB	09/27/2014	Prasad Dixit

GI-App In WidgetSte mode.png	45.9 KB	09/27/2014	Prasad Dixit
test_wt_gl_widgetset.html	3.41 KB	09/27/2014	Prasad Dixit
test_wt_gl_widgetset.html	3.48 KB	09/29/2014	Wim Dumon