

Wt - Support #7740

setValueStyleClass has no visual effect

09/29/2020 07:55 AM - Mahmudul Hasan

Status:	New	Start date:	09/29/2020
Priority:	Normal	Due date:	
Assignee:	Korneel Dumon	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
Trying to change progress bar progress color based on progress value. But i see it has no immediate effect. It requires page refresh. Is it supposed to be like this or I am doing something wrong? Please see below :			
<pre>auto style = VELOCITY_MODEL.Overrange() ? "progress bg-danger-Polytec" : "progress bg-info-polytec"; m_velocityProgressBar->setValueStyleClass(style); Wt::WApplication::instance()->triggerUpdate();</pre>			

History

#1 - 03/29/2021 11:50 AM - Korneel Dumon

- Description updated
- Assignee changed from Koen Deforche to Korneel Dumon
- Priority changed from Immediate to Normal

Hi,

could be a few things. Do you see the style-class in the browser debugger? Or do you think triggerUpdate() does nothing?

To make server updates, you need to do a few things:

- call WApplication::enableUpdates() before-hand to make sure Wt keeps an open line to the client
- grab the update-lock (or use WServer::post)
- triggerUpdate() as you do

See also: https://webtoolkit.eu/wt/doc/reference/html/classWt_1_1WApplication.html#ad9631ca64e68d30d40cb49c90e55223d

#2 - 04/12/2021 08:20 PM - Mahmudul Hasan

Korneel Dumon wrote in [#note-1](#):

Hi,

could be a few things. Do you see the style-class in the browser debugger? Or do you think triggerUpdate() does nothing?

To make server updates, you need to do a few things:

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I see the style is not changed. It's always as initiated(progress bg-info-polytec). But other properties are updated Like the progress value.

#3 - 04/13/2021 10:29 AM - Korneel Dumon

It seems `WProgressBar::setValueStyleClass()` is not part of the public API (as it is not documented). After checking the code, I noticed that this function does not trigger a repaint, which explains the behavior you see.

You're better off changing the style class on progress bar itself and making style rules that combine classes.

#4 - 04/13/2021 11:48 AM - Mahmudul Hasan

Korneel Dumon wrote in [#note-3](#):

It seems `WProgressBar::setValueStyleClass()` is not part of the public API (as it is not documented). After checking the code, I noticed that this function does not trigger a repaint, which explains the behavior you see.

You're better off changing the style class on progress bar itself and making style rules that combine classes.

I am not sure if I understood you properly. Can you give me bit hint what you mean by making style rule?

I tried using the `setStyleClass`. But the danger color looks goes to the background.

```
auto style = m_velocityModel.Overrange() ? "bg-danger" : "bg-info";
m_velocityProgressBar->setStyleClass(style);
```

#5 - 04/13/2021 12:16 PM - Korneel Dumon

The style-rule should be something like:

```
.bg-danger .progress-bar { background-color: red; }
.bg-info .progress-bar { background-color: green; }
```

Note that I didn't test this, just trying to show you the idea.