

## Wt - Bug #4116

### Reset of WTimer interval on stop and start

05/27/2015 09:54 AM - Markus Wolters

<b>Status:</b>	Feedback	<b>Start date:</b>	05/27/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Benoit Daccache	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
I try to reset the WTimer interval with a combination of stop() and start(), but it continues on the previously set interval. If elapsed, the timeout is resetted as expected, but never before.			
@			
init:			
resetTimer = new Wt::WTimer();			
resetTimer->setInterval(10000);			
resetTimer->timeout().connect(this, &StatusView::onResetTimeout);			
resetTimer->setSingleShot(true);			
resetTimer->start();			
@			
@			
event method:			
resetTimer->stop();			
doMyStuff();			
resetTimer->start();			
@			

### History

#### #1 - 05/28/2015 12:56 PM - Koen Deforche

- Status changed from New to InProgress
- Assignee set to Benoit Daccache

#### #2 - 05/28/2015 03:03 PM - Benoit Daccache

Hey Markus,

I'm not able to reproduce the problem with the following code :

```
timer_ = new WTimer();
timer_->setInterval(10000);
timer_->setSingleShot(true);
timer_->start();
std::cerr << "Timer started at : " << std::time(0) << std::endl;
sleep(2);
timer_->stop();
std::cerr << "Timer stopped at : " << std::time(0) << std::endl;
sleep(3);
timer_->start();
```

```
std::cerr << "Timer restarted at : " << std::time(0) << std::endl;
```

```
timer_>timeout().connect(std::bind( [= ] () {  
    std::cerr << "End of timer : " << std::time(0) << std::endl;  
}));
```

I get the following output which seems correct to me :

<code>

```
Timer started at : 1432820793  
Timer stopped at : 1432820795  
Timer restarted at : 1432820798  
[2015-May-28 15:46:38.436877] 4985 - [info] "WebRequest: took 5245.52ms"  
127.0.0.1 - - [2015-May-28 15:46:38.437357] "GET /?wtd=r6NiMJ18nOulJxet&request=style&page=1 HTTP/1.1" 200 91  
127.0.0.1 - - [2015-May-28 15:46:38.439794] "GET /resources/themes/default/wt.css HTTP/1.1" 304 0  
127.0.0.1 - - [2015-May-28 15:46:38.439902] "GET /resources/webkit-transitions.css HTTP/1.1" 304 0  
[2015-May-28 15:46:38.445580] 4985 - [info] "WebRequest: took 5011.98ms"  
127.0.0.1 - - [2015-May-28 15:46:38.460963] "GET /?wtd=r6NiMJ18nOulJxet&sid=1164332058&webGL=true&scrW=1920&scrH=1080&tz=120&htmlHistory=true&deployPath=%2F&request=script&rand=3408971808 HTTP/1.1" 200 45366  
[2015-May-28 15:46:38.541146] 4985 - [info] "WebRequest: took 0.74ms"  
127.0.0.1 - - [2015-May-28 15:46:38.541901] "POST /?wtd=r6NiMJ18nOulJxet HTTP/1.1" 200 50  
End of timer : 1432820808
```

I also to trigger a start stop on a event :

<code class="cpp">

```
timer_ = new QTimer();  
button_ = new QPushButton("work");  
timer_>setInterval(10000);  
timer_>setSingleShot(true);  
timer_>timeout().connect(std::bind( [= ] () {  
    std::cerr << "End of timer : " << std::time(0) << std::endl;  
}));  
  
button_>clicked().connect(std::bind( [= ] () {  
    if(timer_>isActive()) {  
        timer_>stop();  
        std::cerr << "Timer stopped at : " << std::time(0) << std::endl;  
    }  
    else {  
        timer_>start();  
        std::cerr << "Timer restarted at : " << std::time(0) << std::endl;  
    }  
}));  
std::time_t t = std::time(0);  
timer_>start();  
std::cerr << "Timer started at : " << t << std::endl;
```

With no luck.

Can you provide me a test case where you can reproduce the problem ?

Thank you

Regards,

Benoit

**#3 - 06/02/2015 03:45 PM - Koen Deforche**

- Status changed from InProgress to Feedback