

## Wt - Support #2176

### Emit signal from another thread to Wt main thread with parameters

09/04/2013 01:50 PM - Vitaly Volochay

<b>Status:</b>	Closed	<b>Start date:</b>	09/04/2013
<b>Priority:</b>	Urgent	<b>Due date:</b>	
<b>Assignee:</b>	Wim Dumon	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.3.0		

#### Description

Hello! As far as I know I can't use Wt signal/slots system outside Wt main thread because WApplication::instance doesn't exist in other threads. So I need somehow pass data from another thread to my widget. I need something similar to PostedSignal from <http://redmine.webtoolkit.eu/boards/1/topics/5182> but with parameters.

If Wt signal/slots system works outside main thread it will looks like this:

```
/* main gui class */  
  
class SomeCustomWidget: public WContainerWidget  
{  
...  
void onDataChanged(int value);  
Controller* ctrl;  
};  
  
SomeCustomWidget::SomeCustomWidget()  
{  
...  
ctrl->dataChanged().connect(this, &SomeCustomWidget::onDataChanged);  
}  
  
/* ctrl live in another thread */  
  
class Controller  
{  
...  
Wt::Signal& dataChanged();  
};
```

What is the best way to solve my problem?

#### History

##### #1 - 09/04/2013 02:09 PM - Wim Dumon

call post in combination with boost::bind.

```
Wt::WServer::instance()->post(sessionId, boost::bind(myFunction, myParameter));
```

where m\_myFunction is a function accepting one parameter.

BR,

Wim.

**#2 - 09/10/2013 07:50 PM - Koen Deforche**

- Status changed from New to InProgress

- Assignee set to Wim Dumon

**#3 - 09/12/2013 12:39 PM - Vitaly Volochay**

Thanks, I solve my problem.

**#4 - 09/16/2013 05:02 PM - Wim Dumon**

- Status changed from InProgress to Closed