

## Wt - Feature #4700

### Some suggestions for WTemplateFormView and WFormModel

01/26/2016 03:54 PM - Saif Rehman

<b>Status:</b>	New	<b>Start date:</b>	01/26/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
<p>1. Link <b>WValidator::validate()</b> and <b>WFormModel::validateField()</b>: Calling these 2 functions currently have different behavior, if <b>WFormModel::validateField()</b> is not called, the <b>field-info</b> value (for error messages) is not updated. To implement it, a signal, which will be emitted when the WValidator is validated, could be introduced in the WValidator and the WFormModel can listen to that signal to keep consistent behavior.</p> <p>2. If no <b>WFormModel::setValidator()</b> is set, use the <b>WFormWidget::validator()</b> by default. Currently, WFormModel assumes there is no validator, even if the WFormWidget does have a validator.</p> <p>3. Make WTemplateFormView a WFormWidget OR make a derived class which inherits from both, WFormWidget and WTemplateFormView so that implementing sub-views inside a WTemplateFormView would not require specializing validation, updateModel and updateView functions, or something similar.</p> <p>4. When setting a modelValue which is not <b>Wt::asString()</b> convertible, an error such as <b>[error] "WAbstractItemModel: unsupported type 'class Wt::Dbo::ptr'"</b> is reported, when <b>WFormModel::validate()</b> is called. I'm not sure if I'm not supposed to do this, but everything works fine if I don't rely on the <b>WString &amp;input</b> parameter of <b>WValidator::validate(const WString &amp;input)</b> (since it will be an empty string)</p>			