

## BornAgain - Refactoring #1492

Feature # 964 (Rejected): === GUI ===

### GUI: Unify WarningSignWidget usage across the whole project

01 Jul 2016 13:49 - pospelov

<b>Status:</b>	Resolved	<b>Start date:</b>	01 Jul 2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	pospelov	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Sprint 33		

#### Description

We use WarningSignWidget (small yellow triangle) in different widgets under similar scenarios, but having lots of duplicated code doing the same.

- Split WarningSignWidget on two parts: widget itself and its controller.
  - Use OverlayLabel and OverlayLabelController as an example
- Introduce animation to stress its reappearance (important in the context of FitActivityPanel)
- Introduce possibility to set custom title (Houston we have problem), label (Job has failed), and warning body.
- Think how to treat huge warning messages (i.e. in case of the fitting).
  - Should it be some custom QTextEdit instead of QMessageBox?
- Switch all widgets to it

#### Additional bug discovered

- When put Interference2DItem on graphics scene, a warning sign appears on PyScriptWidget, and never disappears again.

ParameterizedItem::getRegisteredProperty() -> Error. Unknown property 'Cross Correlation Length', item 'Interference2DLattice'

- Replace "Houston we have a problem" with something.
- Make WarningSign appearing on RealTimeWindow, if job is failing from the very beginning (i.e. if no parameter tuning was involved yet)

E.g., in the case of the following workflow:

- 1) User has RealTimeView active.
- 2) Then he constructs bad sample (i.e. ParticleDistribution with large sigma, producing negative values)
- 3) User runs simulation -> the view switched to RealTimeView -> user sees blue color map, no warning sign.
- 4) Since job selector is closed, and yellow progress bar is not seen, it is not clear that job has failed.

#### History

##### #1 - 06 Jul 2016 13:49 - pospelov

- Description updated

##### #2 - 12 Jul 2016 19:51 - pospelov

- Subject changed from GUI: Unify WarningSignWidget usage across the whole projec to GUI: Unify WarningSignWidget usage across the whole project

- Description updated

##### #3 - 19 Jul 2016 15:47 - pospelov

- Status changed from Backlog to Sprint

- Target version set to Sprint32

##### #4 - 11 Nov 2016 08:46 - pospelov

- Target version changed from Sprint32 to Sprint 33

**#5 - 10 Feb 2017 14:48 - pospelov**

- Description updated

**#6 - 13 Feb 2017 13:34 - pospelov**

- Assignee set to pospelov

**#7 - 14 Feb 2017 09:19 - pospelov**

- Status changed from Sprint to Resolved