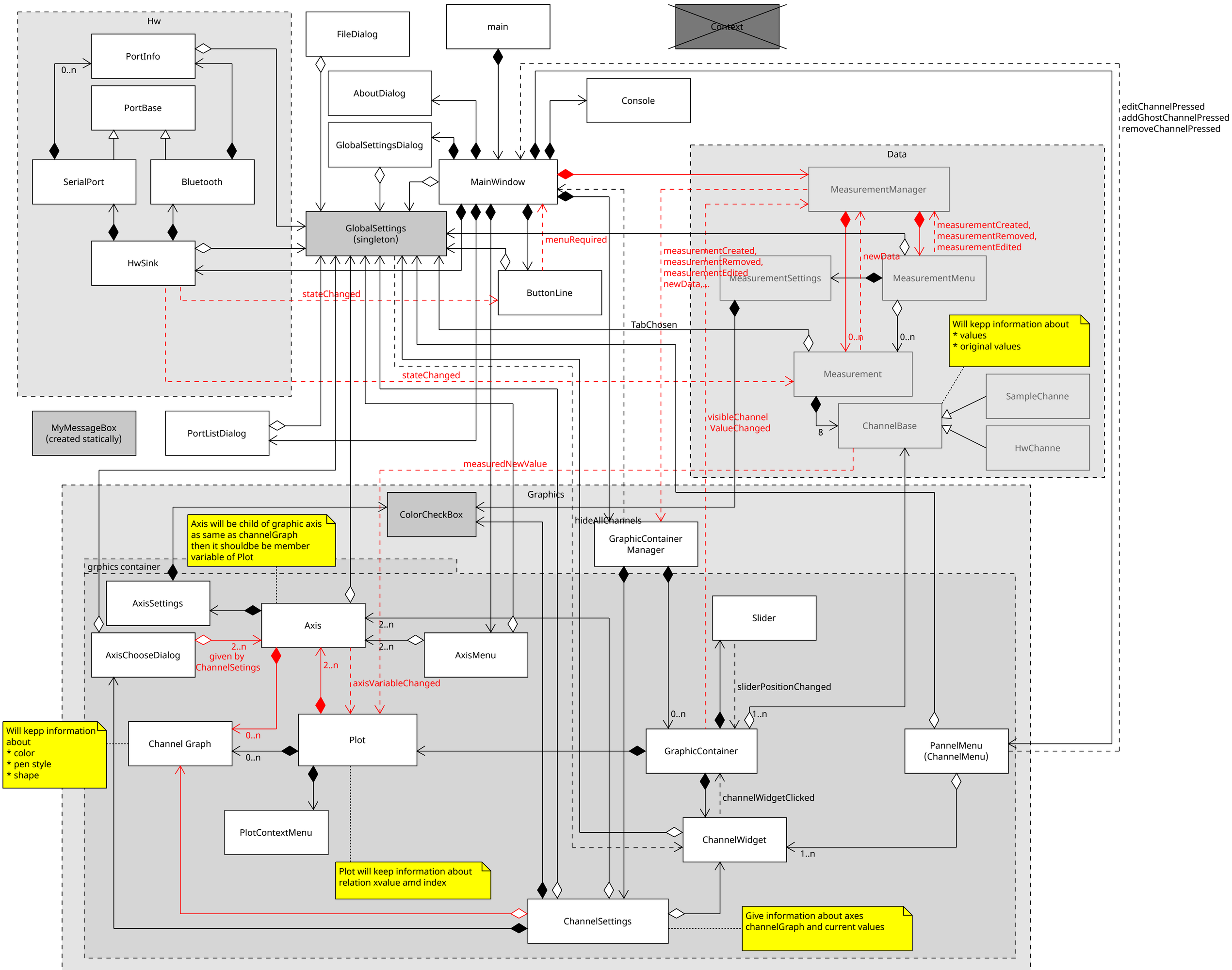

slider position is changed
* slider sends a message sliderPositionChanged
* Plot change position of marker line

user clicks to the plot
* plot change a slider position
* marker line is changed
* markerLinePositionChanged is sent to GraphicsContainer
 - GraphicsContainer inform all instances of MeasurementGraphis
 - Measurement Graphics check whether horizontal channel have the value
 - if so execute ChannelWidget.ShowValue(index)
 - channelWidget ask ChannelBase.GetValue() and display it

Axis added
* axise is added in AxisMenu
* is called setAxis() to open AxisSettings

Axis removed
axise is removed in AxisMenu
when some channelGraph is assigned, it is moved to default vertical axis
plot is redrown

Axis variable is changed
Axis send a message axisVariableChanged
plot ir redrawn

new value measured
* Measurement sends data to ChannelBase
* Measurement sends measuredValue
* measurementGraphics sends measuredValue
* GraphicsContainer sends new value to plot
 - plot updates ChannelGraph
* when plot is in a follow mode markerLinePositionChanged is sent

user clicks to ChannelWidget
* channelWidgetClicked is sent to MeasurementGraphics
* channelWidgetClicked is sent to GraphicsContainer
* GraphicContainer ask plot for list of axes
* GraphicsContainer opens ChannelSettings

channel settings is closed
GraphicsContainer process all changed items and call all related methods
Axis changed

MeasurementMenu
Oppening
* user opens the measurement menu where are displayed all created measurements. List of measurement is given to measurement menu by the MainWindow object
creating a new measurement
* user press edit. It is opened it is created new measurement and it is opened measurement settings. When mesurementsettings is confirmed it is thrown measurementCreated which is sloted by Main window. Measurement is added to leasurement list and it is created graphic representation.
Editing
measurement is edited by the MeasurementSettings dialog. when it is confirmed it is send message MeasurementEddited to main Window who update graphic representation too
Removing
it is send message measurement removed. MainWindow remove measurement from the list and remove graphic representation too

* Which measurement will be sent will determine program in arduino between displayed and measured channel sill not be any relation.

* to each tab will relate always one key measurement. Will be possible to display another measurement where user will be able to specify what will be on the horizontal line and which channels will be on vertica ones.

ghost measument add required

ghost measument remove required

Menu required by button line