QGroupEditWithUnit
QGroupBox

- mEdit: QLineEdit*
- mUnitLabel: QLabel*
- mUnit: QString
- mMinValue: double
- mMaxValue: double
- mOldValue: double
- mPrefix: UnitPrefix
- mModifyValue: boost::function< double (double) >

- \+ QGroupEditWithUnit(QWidget*)
- \+ setRange(double, double): void
- \+ disableRangeCheck(): void
- \+ setUnit(QString&): void
- \+ setPrefix(UnitPrefix::ePrefix): void
- \+ setPrefixChange(UnitPrefix::eChangePrefix): void
- \+ setValueModifier(boost::function< double (double) >&): void
- \+ checkPrefixChanged(): void
- \+ value(): double
- \+ send_value(double): bool
- \+ value(double): bool
- \+ on_editingFinished(): void
- \- childEvent(QChildEvent*): void
- \- wheelEvent(QWheelEvent*): void
- \- updateUnit(): void

UnitPrefix

- mPrefix: ePrefix
- mChangePrefix: eChangePrefix

- \+ UnitPrefix()
- \+ setPrefix(ePrefix): void
- \+ getPrefix(): ePrefix
- \+ setPrefixChange(eChangePrefix): void
- \+ getPrefixChange(): eChangePrefix
- \+ changePrefix(bool): bool
- \+ getPrefixName(): char* {query}
- \+ getPrefixMultiplicator(ePrefix): double {query}
- \+ determinePrefix(double): bool

QDoubleLableWithUnit
QLabel

- mUnit: QString
- mPrefix: UnitPrefix
- mInvalid: bool

- \+ QDoubleLableWithUnit(QWidget*)
- \+ setUnit(QString&): void
- \+ initUnit(): void
- \+ getPrefix(): UnitPrefix&
- \+ invalidate(): void
- \+ isInvalid(): bool
- \+ value(): double
- \+ value(double): void

+mPrefix

+mPrefix

-mChangePrefix

-mPrefix

«Enumeration»
eChangePrefix

- no_change
- wheel_change
- auto_change

«Enumeration»
ePrefix

- Invalid = 1000
- Percent = 100
- Exa = 18
- Peta = 15
- Tera = 12
- Giga = 9
- Mega = 6
- Kilo = 3
- Hecto = 2
- Deca = 1
- NoPrefix = 0
- Deci = -1
- Centi = -2
- Milli = -3
- Micro = -6
- Nano = -9
- Pico = -12
- Femto = -15
- Atto = -18

QRadioButtonGroup
QGroupBox

- mIndex: int
- mClickSignal: eType

- \+ QRadioButtonGroup(QWidget*)
- \+ setCurrentIndex(int): void
- \+ getCurrentIndex(): int
- \+ setClickSignal(eType): void
- \- childEvent(QChildEvent*): void
- \+ clicked(int): void
- \- on_radio_button_clicked(bool): void

-mClickSignal

«Enumeration»
eType

- click_once
- click_always
- click_uncheck

QComboBoxDelegate
QStyledItemDelegate

- mItems: QStringList

- \+ QComboBoxDelegate(QStringList&, QObject*)
- \+ createEditor(QWidget*, QStyleOptionViewItem&, QModelIndex&): QWidget * {query}
- \+ setEditorData(QWidget*, QModelIndex&): void {query}
- \+ setModelData(QWidget*, QAbstractItemModel*, QModelIndex&): void {query}
- \+ updateEditorGeometry(QWidget*, QStyleOptionViewItem&, QModelIndex&): void {query}

QWidgetItemDelegate
QStyledItemDelegate

- mWidgetType: eWidget

- \+ QWidgetItemDelegate(eWidget, QObject*)
- \+ createEditor(QWidget*, QStyleOptionViewItem&, QModelIndex&): QWidget * {query}
- \+ setEditorData(QWidget*, QModelIndex&): void {query}
- \+ setModelData(QWidget*, QAbstractItemModel*, QModelIndex&): void {query}
- \+ updateEditorGeometry(QWidget*, QStyleOptionViewItem&, QModelIndex&): void {query}

-mWidgetType

«Enumeration»
eWidget

- eCheckBox
- eButton
- eSpinBox