## MathExpressions::Abstract Expression + AbstractExpression() + ~AbstractExpression() + paintDevice()

+ font() + pen()

+ next() + parent()

+ brush()

+ color()

+ hasNext()

и 23 больше...

# fontChanged()

# colorChanged()

# paintDeviceChanged()

# paint()

# calcWidth()

# calcHeight()

# calcAscent()

# calcDescent()

# calcSuperscriptX()

# calcSuperscriptY() и 9 больше...

# assignFont()

# assignParent()

# assignPaintDevice()

MathExpressions::Abstract ParentExpression

- + AbstractParentExpression()
- + ~AbstractParentExpression()
- + setSon()
- + son()
- + hasSon()
- + cutOffSun()
- # fontChanged()
- # colorChanged()
- # paintDeviceChanged()
- # updateSonFont()
- # updateSonColor()

## MathExpressions::Abstract TwinParentExpression

- + AbstractTwinParentExpression()
- + ~AbstractTwinParentExpression()
- + firstTwin()
- + secondTwin()
- + hasFirstTwin()
- + hasSecondTwin()
- + setFirstTwin() + setSeconsTwin()
- # fontChanged()
- # colorChanged()
- # paintDeviceChanged()
- # updateFirstTwinFont()
- # updateFirstTwinColor()
- # updateSecondTwinFont()
- # updateSecondTwinColor()

## MathExpressions::GroupExpression

- GroupExpression()
- # fontChanged()
- # paint()
- calcWidth() #
- # calcHeight() calcAscent()
- calcDescent() #
- # updateFirstTwinFont()
- # updateSecondTwinFont() # calcSymbolWidth()
- # calcSymbolHeight()
- #
- drawSymbol()
- # symbol()
- # smallFont()
- symbolFont()

MathExpressions::Integral Expression

- IntegralExpression()
- calcSymbolWidth()
- # drawSymbol()

MathExpressions::Product Expression

ProductExpression()

MathExpressions::SummaExpression

SummaExpression()

MathExpressions::Circulation Expression

+ CirculationExpression()

# drawSymbol()