```
UBAbstractDrawRuler
# mShowButtons
# mCloseSvaltem
# mAntiScaleRatio
# startDrawPosition
# sPixelsPerMillimeter
# sLightBackgroundEdgeFill
Color
# sLightBackgroundMiddleFill
Color
# sLightBackgroundDrawColor
# sDarkBackgroundEdgeFillColor
# sDarkBackgroundMiddleFill
Color
# sDarkBackgroundDrawColor
# sLeftEdgeMargin
# sDegreeToQtAngleUnit
# sRotationRadius
# sFillTransparency
# sDrawTransparency
# sRoundingRadius
+ UBAbstractDrawRuler()
+ ~UBAbstractDrawRuler()
+ create()
```

+ StartLine() + DrawLine() + EndLine() # paint() # scene()

rotateAroundCenter()
rotationCenter()
closeButtonRect()
paintGraduations()
moveCursor()
rotateCursor()
closeCursor()

drawRulerLineCursor()

drawColor()
middleFillColor()
edgeFillColor()

font()