drawClassBox(class_: Class)

lokale/globale Variablen und Attribute:
attrstr,opstr: stringstream
first: Boolean
str1,str2,str3: Text
item2,item3: QGraphicsItem
rect2,rect3: QGraphicsRectItem
text1,text2,text3: QGraphicsSimpleTextItem
textRect: QRect
line1,line2: QGraphicsLineItem
rect: QGraphicsRectItem
group: QGraphicsItemGroup

first ← true

each attribute: Attribute in class_.getAttributes()

wahr not first falsch	
attrstr << "\n"	∅
first ← false	
attrstr << attributeToString(attribute)	

first ← true

each operation: Operation in class_.getOperations()

wahr not first falsch	
opstr << "\n"	∅
first ← false	
opstr << operationToString(operation)	

str1 ← class_.getName()
str2 ← attrstr.str()
str3 ← opstr.str()

class_.isAbstract()

wahr falsch	
str1 ←str1 + " {abstract}"	∅

group ← new QGraphicsItemGroup()
group.setHandlesChildEvents(false)
QGraphicsSimpleTextItem* text1 ← new QGraphicsSimpleTextItem()
text1.setPos(2., 2.)
text1.setText(QString::fromStdString(str1))
group.addToGroup(text1)
QGraphicsItem* item2

str2.empty()

wahr falsch	
QGraphicsRectItem* rect2 ← new QGraphicsRectItem(0, 0, 1, 8)	QGraphicsSimpleTextItem* text2 ← new QGraphicsSimpleTextItem()
rect2.setPen(QPen(Qt::NoPen))	text2.setText(QString::fromStdString(str2))
item2 ← rect2	item2 ← text2

item2.setPos(text1.mapToParent(text1.boundingRect().bottomLeft()) + QPointF(0.,1.))
group.addToGroup(item2)
QGraphicsItem* item3

str3.empty()

wahr falsch	
QGraphicsRectItem* rect3 ← new QGraphicsRectItem(0, 0, 1, 8)	QGraphicsSimpleTextItem* text3 ← new QGraphicsSimpleTextItem()
rect3.setPen(QPen(Qt::NoPen))	text3.setText(QString::fromStdString(str3))
item3 ← rect3	item3 ← text3

item3.setPos(item2.mapToParent(item2.boundingRect().bottomLeft()) + QPointF(0.,1.))
group.addToGroup(item3)
textRect ← group.boundingRect().adjusted(-1., -1., 0., 0.)
textRect.setWidth(ceil(textRect.width()))
rect ← new QGraphicsRectItem()
rect.setRect(textRect)
group.addToGroup(rect)
line1 ← new QGraphicsLineItem()
line1.setLine(QLineF(text1.mapToParent(text1.boundingRect().bottomLeft()), QPointF(textRect.right(), text1.mapToParent(0., text1.boundingRect().bottom()).y())))
group.addToGroup(line1)
line2 ← new QGraphicsLineItem()
line2.setLine(QLineF(item2.mapToParent(item2.boundingRect().bottomLeft()), QPointF(textRect.right(), item2.mapToParent(0., item2.boundingRect().bottom()).y())))
group.addToGroup(line2)
return group