```
OptionToReplicate
# Strike
# Barrier
# Expiry
# r
# d
# Vol
+ OptionToReplicate()
+ OptionToReplicate()
+ ~OptionToReplicate()
+ GeneratePtf()
+ GeneratePtf1()
+ GeneratePtf()
+ GetValue()
+ GetValue()
+ setRate()
   DownAndOutCall
```

+ DownAndOutCall() + ~DownAndOutCall() + GeneratePtf() + GeneratePtf() + GetValue() + GetValue()