









```
CrankNicholson
-BlackScholesPDE *pde_
-double borneX_
-int nIntX_
-double dX_
-std::vector<double> xVect_
-double borneT_
-int nIntT_
-double dT_
-std::vector<double> tVect_
-TridiagoMatrix C_
-TridiagoMatrix D_
-ColMatrix prevInnerSol_
-ColMatrix curInnerSol_
-ColMatrix prevBoundaries_
-ColMatrix curBoundaries_
+void updateBoundaries()
+TridiagoMatrix compute_C()
+TridiagoMatrix compute_D()
+void set_prevAndCurInnerSOI()
+void set_prevAndCurBoundaries()
+CrankNicholson(BlackScholesPDE *pde, double borneX, int lengthX, double borneT, int lengthT)
+std::vector<double> get_xVect() const
+std::vector<double> get_tVect() const
+ColMatrix get_curSol() const
+void execute()
+CrankNicholson(BlackScholesPDE *pde, double borneX, int lengthX, double borneT, int lengthT)
+double b_i(int i)
+double c_i(int i)
+operation3()
```