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```
#if defined(PremiaCurrentVersion) && PremiaCurrentVersion < (2008+2) //The "#els
#else
#ifndef FD_SOLVER_H
#define FD_SOLVER_H

#include "fd_solver_common.h"

extern int FDSolverInit(FDSolver *solver,
                       FDSolverVectorFiller *icf,
                       FDSolverCoMatricesFiller *AcBcf,
                       FDSolverCoMatricesFiller *AnBnf);

extern void FDSolverFree(FDSolver *);

extern int FDSolverGet(FDSolver *, double *);

int FDSolverResetMatrices(FDSolver *solver, FDSolverCoMatricesFiller *AcBcf,
                          FDSolverCoMatricesFiller *AnBnf);

int FDSolverStep(FDSolver *solver);

#endif

#endif //PremiaCurrentVersion
```