

```
Help
#include "stdg.h"
#include "error_msg.h"

extern char* path_sep;

int OPT(Get)(int user,Planning *pt_plan,Option *opt, Model
    *mod)
{
    TYPEOPT* pt=( TYPEOPT*)(opt->TypeOpt);

    (opt->Init)(opt, mod);

    if (user==TOSCREEN)
        if ((opt->Show)(user,pt_plan,opt,mod))
            do
            {
                Fprintf(TOSCREEN,"_____Option:
                %s\n",opt->Name);

                ScanVar(pt_plan,user,&(pt->Maturity));
                GetParVar(pt_plan,user,(pt->PayOff.Val.V_NUMFUNC_1)->
                Par);
                ScanVar(pt_plan,user,&(pt->NbExerciseDate));
                ScanVar(pt_plan,user,&(pt->RefractingPeriod));
            }
            while ((opt->Show)(user,pt_plan,opt,mod));

    return (opt->Show)(TOSCREENANDFILE,pt_plan,opt,mod);
}

int OPT(FGet)(char **InputFile,int user,Planning *pt_plan,
    Option *opt, Model *mod)
{
    TYPEOPT* pt=( TYPEOPT*)(opt->TypeOpt);

    (opt->Init)(opt, mod);

    if (user==TOSCREEN)
    {
```

```

    Fprintf(TOSCREEN, "-----
Option:%s{n", opt->Name);

    FScanVar(InputFile, pt_plan, user, &(pt->Maturity));
    FGetParVar(InputFile, pt_plan, user, (pt->PayOff.Val.V_
NUMFUNC_1)->Par);
    FScanVar(InputFile, pt_plan, user, &(pt->RefractingPerio
d));
    FScanVar(InputFile, pt_plan, user, &(pt->NbExerciseDate)
);
}
return (opt->Show)(TOSCREENANDFILE, pt_plan, opt, mod);
}
int OPT(Show)(int user, Planning *pt_plan, Option *opt,
Model *mod)
{
    TYPEOPT* pt=(TYPEOPT*)(opt->TypeOpt);

    (void)(opt->Init)(opt, mod);
    Fprintf(user, "##Option:%s{n", opt->Name);

    PrintVar(pt_plan, user, &(pt->Maturity));
    ShowParVar(pt_plan, user, (pt->PayOff.Val.V_NUMFUNC_1)->
Par);
    PrintVar(pt_plan, user, &(pt->NbExerciseDate));
    PrintVar(pt_plan, user, &(pt->RefractingPeriod));

    return (opt->Check)(user, pt_plan, opt);
}

extern Option OPT(CallEuro);
extern Option OPT(Swing);

Option* OPT(family) [] =
{
    &OPT(CallEuro),
    &OPT(Swing),
    NULL
};

```

References