

```

    Help
#include "std.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);
            }
            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);

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        FScanVar(InputFile,pt_plan,user,&(pt->Maturity));
        FGetParVar(InputFile,pt_plan,user,(pt->PayOff.Val.V_
NUMFUNC_1)->Par);
    }
    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);

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

```

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extern Option OPT(CallEuro);
extern Option OPT(CallSpreadAmer);
extern Option OPT(CallSpreadEuro);
extern Option OPT(DigitAmer);
extern Option OPT(DigitEuro);
extern Option OPT(PutAmer);
extern Option OPT(PutEuro);
extern Option OPT(CallAmer);
Option* OPT(family) []=
{
    &OPT(CallEuro),
    &OPT(PutEuro),
    &OPT(CallSpreadEuro),
    &OPT(DigitEuro),
    &OPT(CallAmer),
    &OPT(PutAmer),
    &OPT(CallSpreadAmer),

```

```
&OPT(DigitAmer),  
NULL  
};
```

## References