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    Help
#include "vol.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);
}

extern Option OPT(CallVixEuro);
extern Option OPT(PutVixEuro);
extern Option OPT(CallRealVarEuro);
extern Option OPT(PutRealVarEuro);
extern Option OPT(VarianceSwap);
extern Option OPT(CorrelationSwap);
extern Option OPT(CallVolatilityEuro);
extern Option OPT(PutVolatilityEuro);
extern Option OPT(VolatilitySwap);

Option* OPT(family) []=
{
    &OPT(CallRealVarEuro),
    &OPT(PutRealVarEuro),
    &OPT(CallVixEuro),
    &OPT(PutVixEuro),
    &OPT(VarianceSwap),
    &OPT(CorrelationSwap),

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&OPT(CallVolatilityEuro),  
&OPT(PutVolatilityEuro),  
&OPT(VolatilitySwap),  
NULL  
};
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References