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    Help
#include "pad.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_2)->
                Par);
                GetParVar(pt_plan,user,(pt->PathDep.Val.V_NUMFUNC_2)->
                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,"_____

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

    FScanVar(InputFile, pt_plan, user, &(pt->Maturity));
    FGetParVar(InputFile, pt_plan, user, (pt->PayOff.Val.V_
NUMFUNC_2)->Par);
    FGetParVar(InputFile, pt_plan, user, (pt->PathDep.Val.V_
NUMFUNC_2)->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_2)->
    Par);
    ShowParVar(pt_plan, user, (pt->PathDep.Val.V_NUMFUNC_2)->
    Par);

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

extern Option OPT(AsianCallFloatingEuro);
extern Option OPT(AsianPutFloatingEuro);
extern Option OPT(AsianPutFixedEuro);
extern Option OPT(AsianCallFixedEuro);
extern Option OPT(LookBackCallFixedEuro);
extern Option OPT(LookBackCallFloatingEuro);
extern Option OPT(LookBackPutFixedEuro);
extern Option OPT(LookBackPutFloatingEuro);
extern Option OPT(AsianCallFloatingAmer);
extern Option OPT(AsianPutFloatingAmer);
extern Option OPT(AsianPutFixedAmer);

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extern Option OPT(AsianCallFixedAmer);
extern Option OPT(LookBackCallFixedAmer);
extern Option OPT(LookBackCallFloatingAmer);
extern Option OPT(LookBackPutFixedAmer);
extern Option OPT(LookBackPutFloatingAmer);
extern Option OPT(Cliquet);

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Option* OPT(family)[]={
    &OPT(LookBackCallFloatingEuro),
    &OPT(LookBackPutFloatingEuro),
    &OPT(LookBackPutFixedEuro),
    &OPT(LookBackCallFixedEuro),
    &OPT(AsianCallFixedEuro),
    &OPT(AsianPutFixedEuro),
    &OPT(AsianCallFloatingEuro),
    &OPT(AsianPutFloatingEuro),
    &OPT(LookBackCallFloatingAmer),
    &OPT(LookBackPutFloatingAmer),
    &OPT(LookBackPutFixedAmer),
    &OPT(LookBackCallFixedAmer),
    &OPT(AsianCallFixedAmer),
    &OPT(AsianPutFixedAmer),
    &OPT(AsianCallFloatingAmer),
    &OPT(AsianPutFloatingAmer),
    &OPT(Cliquet),
    NULL
};

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References