```
    Help
#include "stdnd.h"
#include "error_msg.h"
#include "chk.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_
    ND)->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);
```

```
      FScanVar(InputFile,pt_plan,user,&(pt->Maturity));
      FGetParVar(InputFile,pt_plan,user,(pt->PayOff.Val.V_
   NUMFUNC_ND)->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_ND)->
    Par);

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


extern Option OPT(CallBasketEuro_nd);
extern Option OPT(PutBasketEuro_nd);
extern Option OPT(CallBasketAmer_nd);
extern Option OPT(PutBasketAmer_nd);
extern Option OPT(CallMaximumAmer_nd);
extern Option OPT(PutMinimumAmer_nd);
/* extern Option OPT(BestOfAmer_nd); */
extern Option OPT(CallGeomAmer_nd);
extern Option OPT(PutGeomAmer_nd);

Option* OPT(family)[]={
  &OPT(CallBasketEuro_nd),
  &OPT(PutBasketEuro_nd),
  &OPT(CallBasketAmer_nd),
  &OPT(PutBasketAmer_nd),
  &OPT(CallMaximumAmer_nd),
  &OPT(PutMinimumAmer_nd),
```

```
    /*  &OPT(BestOfAmer_nd),*/
    &OPT(CallGeomAmer_nd),
    &OPT(PutGeomAmer_nd),
    NULL
};
```

References