```
   Help
#include "stdf.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);

     if ((strcmp(opt->Name,"InflationIndexedCaplet")==0))
      {
        ScanVar(pt_plan,user,&(pt->BMaturity));
        ScanVar(pt_plan,user,&(pt->FixedRate));
        ScanVar(pt_plan,user,&(pt->ResetPeriod));
        //GetParVar(pt_plan,user,(pt->PayOff.Val.V_
    NUMFUNC_1)->Par);
      }
       if ((strcmp(opt->Name,"YearOnYearInflationIndexedSwa
    p")==0))
      {
        ScanVar(pt_plan,user,&(pt->BMaturity));
        ScanVar(pt_plan,user,&(pt->Nominal));
        ScanVar(pt_plan,user,&(pt->FixedRate));
        ScanVar(pt_plan,user,&(pt->FloatingRate));
        ScanVar(pt_plan,user,&(pt->ResetPeriod));
        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);


      if ((strcmp(opt->Name,"InflationIndexedCaplet")==0))
        {
          FScanVar(InputFile,pt_plan,user,&(pt->BMaturity))
    ;
          FScanVar(InputFile,pt_plan,user,&(pt->FixedRate))
    ;
          FScanVar(InputFile,pt_plan,user,&(pt->ResetPerio
    d));
          //FGetParVar(InputFile,pt_plan,user,(pt->PayOff.
    Val.V_NUMFUNC_1)->Par);
        }

      if ((strcmp(opt->Name,"YearOnYearInflationIndexedSwa
    p")==0))
        {
          FScanVar(InputFile,pt_plan,user,&(pt->BMaturity))
    ;
          FScanVar(InputFile,pt_plan,user,&(pt->Nominal));
          FScanVar(InputFile,pt_plan,user,&(pt->FixedRate))
    ;
          FScanVar(InputFile,pt_plan,user,&(pt->FloatingRa
```

```
    te));
          FScanVar(InputFile,pt_plan,user,&(pt->ResetPerio
    d));
          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);
  /* Valid Parameters*/

  if ((strcmp(opt->Name,"InflationIndexedCaplet")==0))
    {
      PrintVar(pt_plan,user,&(pt->BMaturity));
      PrintVar(pt_plan,user,&(pt->FixedRate));
      PrintVar(pt_plan,user,&(pt->ResetPeriod));
      //ShowParVar(pt_plan,user,(pt->PayOff.Val.V_NUMFUNC_1
    )->Par);
    }
  if ((strcmp(opt->Name,"YearOnYearInflationIndexedSwap")==
    0))
    {
      PrintVar(pt_plan,user,&(pt->BMaturity));
      PrintVar(pt_plan,user,&(pt->Nominal));
      PrintVar(pt_plan,user,&(pt->FixedRate));
      PrintVar(pt_plan,user,&(pt->FloatingRate));
      PrintVar(pt_plan,user,&(pt->ResetPeriod));
      ShowParVar(pt_plan,user,(pt->PayOff.Val.V_NUMFUNC_1)-
    >Par);
    }
```

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


extern Option OPT(InflationIndexedCaplet);
extern Option OPT(YearOnYearInflationIndexedSwap);


Option* OPT(family)[]=
{

  &OPT(InflationIndexedCaplet),
  &OPT(YearOnYearInflationIndexedSwap),
  NULL
};
```

References