```
   Help
#include   "merhes1d_std.h"

int MOD_OPT(ChkMix)(Option *Opt,Model *Mod)
{
  TYPEOPT* ptOpt=( TYPEOPT*)(Opt->TypeOpt);
  TYPEMOD* ptMod=( TYPEMOD*)(Mod->TypeModel);
  int status=OK;

  if ((ptOpt->Maturity.Val.V_DATE)<=(ptMod->T.Val.V_DATE))
    {
      Fprintf(TOSCREENANDFILE,"Current date greater than
    maturity!{n");
      status+=1;
    };

  return status;
}


extern PricingMethod MET(CF_CallMertonHeston);
extern PricingMethod MET(CF_PutMertonHeston);
extern PricingMethod MET(CF_CarrMertonHeston);
extern PricingMethod MET(CF_AttariMertonHeston);
extern PricingMethod MET(MC_Polynomial);
extern PricingMethod MET(MC_Alfonsi_Bates);
extern PricingMethod MET(FD_MertonHeston);
extern PricingMethod MET(MC_AM_Alfonsi_LongstaffSchwartz_B
    ates);
extern PricingMethod MET(MC_AM_Alfonsi_AndersenBroadie_Bate
    s);
extern PricingMethod MET(AP_Alos_Bates);
//extern PricingMethod MET(AP_fastwhamerdig_merhes);
//extern PricingMethod MET(AP_fastwhamer_merhes);
//extern PricingMethod MET(FD_Fem_Achdou_MerHes);
PricingMethod* MOD_OPT(methods)[]={
  &MET(CF_CallMertonHeston),
  &MET(CF_PutMertonHeston),
  &MET(CF_CarrMertonHeston),
  &MET(CF_AttariMertonHeston),
  &MET(MC_Polynomial),
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  &MET(MC_Alfonsi_Bates),
  &MET(FD_MertonHeston),
  &MET(MC_AM_Alfonsi_LongstaffSchwartz_Bates),
  &MET(MC_AM_Alfonsi_AndersenBroadie_Bates),
  &MET(AP_Alos_Bates),
  //&MET(AP_fastwhamer_merhes),
  //&MET(AP_fastwhamerdig_merhes),
  //&MET(FD_Fem_Achdou_MerHes),
  NULL
};

DynamicTest* MOD_OPT(tests)[]={
  NULL
};

Pricing MOD_OPT(pricing)={
  ID_MOD_OPT,
  MOD_OPT(methods),
  MOD_OPT(tests),
  MOD_OPT(ChkMix)
};
```

References