

[Help](#)

```
#ifndef _STDa_H
#define _STDa_H

#include "
href../../../../common/optype_h_src.pdfoptype.h"
#include "
href../../../../common/var_h_src.pdfvar.h"
#include "
href../../../../common/chk_h_src.pdfchk.h"
#include "
href../../../../common/numfunc_h_src.pdfnumfunc.h"
#include "
href../../../../common/option_h_src.pdfoption.h"

#define TYPEOPT STDa

typedef struct TYPEOPT
{
    VAR      PayOff;
    VAR      EuOrAm;
    VAR      Maturity;
    VAR      DeemedContribution;
    VAR      InitialAge;
    VAR      Premium;
    VAR      MinimumGuaranteed;
    VAR      NumberofMonitoringDates;
    VAR      Alpha;
    VAR      Alpha_m;
    VAR      MultiplieriCPPi;
    VAR      Ratchet;
    VAR      Gamma;
    VAR      Bonus;
    VAR      WithdrawalRate;
    VAR      SurrenderCharges;
    VAR      SurrenderTimes;
    VAR      MortalityData;
    VAR      MaximumWithdrawalRate;
    VAR      RateAccumulation;
    VAR      PremiumPercentage;
```

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    VAR      CompoundRollUpRate;
    VAR      ForceOfMortality;
    VAR      TermCertainAnnuityMaturity;
} TYPEOPT;

int OPT(Get)(int user, Planning *pt_plan, Option *opt, Model *mod);
int OPT(FGet)(char **InputFile, int user, Planning *pt_plan, Option *opt, Model
int OPT(Show)(int user, Planning *pt_plan, Option *opt, Model *mod);
int OPT(Check)(int user, Planning *pt_plan, Option *opt);

#endif

```