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## stdx

# Premia 18

## 1 The Standard Family

## 2 Code Implementation

```
#ifndef _STDx_H
#define _STDx_H

#include "optype.h"
#include "var.h"
#include "chk.h"
#include "numfunc.h"
#include "option.h"

#define TYPEOPT STDx

typedef struct TYPEOPT
{
    VAR      PayOff;
    VAR      Maturity;
    VAR      EuOrAm;
} 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 *mod);
int OPT(Show)(int user, Planning *pt_plan, Option *opt, Model *mod);
int OPT(Check)(int user, Planning *pt_plan, Option *opt);

#endif
```