

Source | Option Family

std

## Premia 14

### 1 The Standard Family

For this family, the payoff is given by:  
 $\varphi(S_T)$  which is paid at the maturity  $T$ .

### 2 Code Implementation

```
#ifndef _STD_H
#define _STD_H

#include "optype.h"
#include "var.h"

#include "chk.h"
#include "numfunc.h"

#define TYPEOPT STD

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 *mo
int OPT(Show)(int user,Planning *pt_plan,Option *opt, Model *mod);
```

```
int OPT(Check)(int user,Planning *pt_plan,Option *opt);  
  
#endif
```