

[Source](#) | [Option Family](#)

std

Premia 5

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      EuOrAm;
    VAR      Maturity;
} TYPEOPT;

int OPT(Get)(int user,Planning *pt_plan,Option *opt);
int OPT(Show)(int user,Planning *pt_plan,Option *opt);
int OPT(Check)(int user,Planning *pt_plan,Option *opt);
```

2 pages

2

#endif