

```
Help
#include "stdndc.h"
#include "error_msg.h"
#include "chk.h"

extern char* path_sep;

/**
 * determine the number of parameters for the given type of
 * recovery
 *
 * @param n number of parameter (set on output)
 * @param t array containing on output the default parameters
 * @param recovery_value an integer describing the type of
 * recovery
 * @param with_init if set to 1 t is initializes.
 * @return OK or WRONG
 */
int n_param_recovery (int *n, double *t, int recovery_value
, int with_init)
{
    if (with_init && t==NULL) return WRONG;
    switch (recovery_value)
    {
        /* Constant */
        case 1: *n = 1;
            if (with_init) { t[0] = 0.4; }
            break;
        /* Uniform */
        case 2: *n = 2;
            if (with_init) { t[0] = 0.3; t[1]=0.5; }
            break;
        default: *n = 0; return WRONG; break;
    }
    return OK;
}

extern Option OPT(CDO);
extern Option OPT(CDO_HEDGING);
extern Option OPT(CDO_COPULA);
extern Option OPT(CDO_HAWKES_INTENSITY);
```

```
Option* OPT(family)[]={  
    &OPT(CDO),  
    &OPT(CDO_HEDGING),  
    &OPT(CDO_COPULA),  
    &OPT(CDO_HAWKES_INTENSITY),  
    NULL  
};
```

References