

[Help](#)

```
#include <stdlib.h>
#include "error_msg.h"

char *error_msg[MAX_ERROR_MSG];

int InitErrorMsg()
{
    error_msg[MEMORY_ALLOCATION_FAILURE] = "MEMORY_ALLOCATION_FAILURE";
    error_msg[time_bigger_than_the_last_time_value_entered_in_initialyield] = "time_bigger_than_the_last_time_value_entered_in_initialyield";
    error_msg[UNABLE_TO_OPEN_FILE] = "UNABLE_TO_OPEN_FILE";
    error_msg[OPTION_IRRELEVANT_TO_THIS_METHOD] = "OPTION_IRRELEVANT_TO_THIS_METHOD";
    error_msg[NEGATIVE_PROBABILITY] = "NEGATIVE_PROBABILITY";
    error_msg[UNABLE_TO_FIND_ACROBAT] = "UNABLE_TO_FIND_ACROBAT";
    error_msg[DIMENSION_QMC_SEQ_EXCEDEED] = "DIMENSION_QMC_SEQ_EXCEDEED";
    error_msg[STEP_NUMBER_TOO_SMALL] = "STEP_NUMBER_TOO_SMALL";
    error_msg[PATH_TOO_LONG] = "PATH_TOO_LONG";
    error_msg[BAD_ALPHA_TEMPSTABLE] = "ALPHA+,ALPHA-,Y SHOULD BE DIFFERENT FROM 1";
    error_msg[NON_DEFINITE_MATRIX] = "NON_DEFINITE_MATRIX";
    error_msg[BASIS_MAX_SIZE_EXCEEDED] = "BASIS_MAX_SIZE_EXCEEDED";
    error_msg[BAD_TESSELATION_FORMAT] = "BAD TESSELATION FORMAT";
    error_msg[UNTREATED_CASE] = "UNTREATED_CASE";
    error_msg[AVAILABLE_IN_FULL_PREMIA] = "This function is currently only available in full premia";
    error_msg[PREMIA_UNTREATED_COPULA] = "THIS TYPE OF COPULA IS NOT HANDLED";
    error_msg[PREMIA_UNTREATED_TAU_BHAR_CHIARELLA] = "TAU VOLATILITY PARAMETER GREATER THAN MATURITY";
    error_msg[ONLY_HOMOGENEOUS_CDO] = "Only homogeneous CDOs can be priced";
    error_msg[HEGDING_MATURITY_GREATER_THAN_MATURITY] = "HEGDING_MATURITY_GREATER_THAN_MATURITY";
    error_msg[MODEL_MAX_SIZE_EXCEEDED] = "This method cannot be run with the current model size";
    error_msg[GAP_SHOULD_BE_NEGATIVE] = "GAP SHOULD BE NEGATIVE";
    return OK;
}
```