

```
#include <math.h>
#include <stdlib.h>
#include <string.h>
#ifdef _MSC_VER
#define EXPORT __declspec(dllexport)
#else
#define EXPORT
#endif
static const char *error = NULL;
EXPORT int init(const char *str) {
    return 1;
} // Initialization don't touch
EXPORT const char * getLastError() {
    return error;
}
EXPORT int eval(const char *func,
int nArgs,
const double **inReal,
const double **inImag,
int blockSize,
double *outReal,
double *outImag) {
    int i, j;
    if (strcmp("extsinc", func) == 0) {
        if (nArgs != 2) {
            error = "Two argument expected";
            return 0;
        }
        for (i = 0; i < blockSize; i++) {
            double x = inReal[0][i];
            double y = inReal[1][i];
            outReal[i] = x*y;
        }
        return 1;
    }
    else {
        error = "Unknown function";
        return 0;
    }
}
```