

*// test.c -- simple test program for GNU's regex*

```
#include <stdio.h>
#include <stdlib.h>
#include "regex.h"

char string[] = " #define x; int i;";

int main(int argc, char **argv)
{
    regex_t re;
    regmatch_t rm;

    if (regcomp(&re, "[:space:]#define[:space:]", REG_EXTENDED | REG_NEWLINE)) {
        printf("ERROR: regcomp() failed\n");
        exit(0);
    }
    if (regexexec(&re, string, 1, &rm, 0)) {
        printf("ERROR: regexexec() didn't match\n");
        exit(0);
    }
    printf("start = %d\n", rm.rm_so);
}
```

```
printf("end = %d\n", rm.rm_eo);  
string[rm.rm_eo] = 0;  
printf("string = %s\n", string + rm.rm_so);  
return 0;
```

```
}
```