Programación 2

LMAD

MGTI Alejandro Villarreal

substr

```
char buffer[80];
string cutMonth;
cutMonth = buffer; //Funcion string en base a un char
string Day = cutMonth.substr(0, cutMonth.find first of("/"));
string Month = cutMonth.substr(3, 2);
string Year = cutMonth.substr(6, 4);
//substr te trae parte de un string en base a los parametros:
// - Inicio (Incluye desde donde busques), Zero-based
// - Fin (No incluye el final), cantidad de caracteres a
extraer
```

Convertir string a int

```
#include <string>
void main(); {
int a;
string b = "123";
a = stoi(b);
```

itoa itoa char * itoa (int value, char * buffer, int radix);

Convert integer to char.

Converts an integer *value* to a null-terminated string using the specified *radix* and stores the result in the given *buffer*.

itoa

```
itoa
char * itoa ( int value, char * buffer, int radix );
```

Parameters.:

value Value to be represented as a string.

buffer Buffer where to store the resulting string.

radix Numeral radix in which value has to be represented, between 2 and 36.

Return Value.

A pointer to the string.

atoi

int atoi(const char *string);

This function accepts a char and converts it into an integer.

For example, if "1234" is passed into the function, it will return 1234, an integer.

If the string contains a decimal place, the number will be truncated.

Eg, "104.21" will be returned as 104.

atoi

```
int atoi(const char *string);
int i;
char buffer[256];
printf ("Enter a number: ");
cin >> buffer;
i = atoi (buffer);
printf ("The value entered is %d. Its
double is %d.\n", i, i*2);
```

Uso de chars

strcmp compara dos chars

copia el contenido de un char a otro (completo)

strcat

concatena un char al contenido de otro

strcmp

- □int strcmp (const char * str1, const char * str2);
- ✓ Compare two strings
- ✓ Compares the C string str1 to the C string str2.

This function starts comparing the first character of each string. If they are equal to each other, it continues with the following pairs until the characters differ or until a terminating null-character is reached.

return value	indicates
<0	the first character that does not match has a lower value in $ptr1$ than in $ptr2$
0	the contents of both strings are equal
>0	the first character that does not match has a greater value in <i>ptr1</i> than in <i>ptr2</i>

strcpy

- □char * strcpy (char * destination, const char * source);
- □Copy string
- Copies the C string pointed by source into the array pointed by destination, including the terminating null character (and stopping at that point).

strcat

- □char * strcat (char * destination, const char * source);
- ✓ Concatenate strings
- ✓ Appends a copy of the source string to the destination string. The terminating null character in destination is overwritten by the first character of source, and a null-character is included at the end of the new string formed by the concatenation of both in destination.
- ✓ destination and source shall not overlap.

_CRT_SECURE_NO_WARNINGS

SeverityCode

Si muestra un error al tratar de utilizar las funciones anteriores:

```
Error C4996 'strcpy': This function or variable may be unsafe. Consider using strcpy_s instead. To disable deprecation, use __CRT_SECURE_NO_WARNINGS. See online help for details. Win32Project 02 c:\users\usuario\documents\visual studio
```

Description Project File Line

Suppression

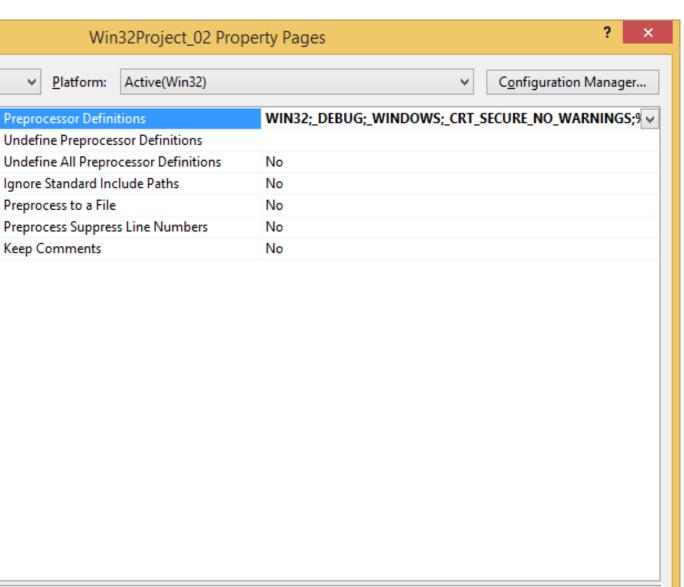
http://stackoverflow.com/questions/16883037/remove-secure-warnings-crt-secure-no-warnings-from-projects-by-default-in-vis

2015\projects\win32project 02\win32project 02\source.cpp 125

_CRT_SECURE_NO_WARNINGS

Agregar el código: _CRT_SECURE_NO_WARNINGS

A las propiedades del proyecto: C/C++, Preprocessor.



Preprocessor Definitions

Configuration:

■ Configuration Properties

VC++ Directories

General

Optimization

Preprocessor Code Generation

Precompiled Headers

Browse Information

XML Document Generator
 Browse Information

>

Language

Output Files

Advanced All Options Command Line

General

▲ C/C++

b Linker

<

Manifest ToolResources

Build Events
 Custom Build Step
 Code Analysis

Debugging

Active(Debug)

Defines a preprocessing symbols for your source file.

Aceptar

Cancelar

Aplicar