

Odbcng - Feature #4849

Fix compiler errors/warnings

02/13/2006 10:09 AM - bford -

Status:	Closed	Start date:	
Priority:	Immediate	Due date:	
Assignee:	bford -	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	ODBCng 1.0		
Resolution:	fixed		

Description

Resolve ALL errors and warnings during compilation. Below is an example from FC4 output:

```
Src/tchar.h:2025:1: warning: this is the location of the previous definition
Src/common.c: In function 'GetSQLString':
Src/common.c:85: warning: pointer targets in passing argument 1 of 'strlen' differ in signedness
Src/common.c:92: warning: pointer targets in passing argument 2 of '+builtin_strncpy' differ in signedness
Src/common.c:106: warning: pointer targets in return differ in signedness
Src/common.c: In function 'ReadFromDS':
Src/common.c:123: warning: pointer targets in assignment differ in signedness
Src/common.c:126: warning: pointer targets in passing argument 2 of '+builtin_strncpy' differ in signedness
Src/common.c: In function 'ReturnString':
Src/common.c:589: warning: pointer targets in assignment differ in signedness
Src/common.c:592: warning: pointer targets in passing argument 1 of 'strlen' differ in signedness
Src/common.c:606: warning: pointer targets in passing argument 1 of '+builtin_strncpy' differ in signedness
Src/common.c:606: warning: pointer targets in passing argument 2 of '+builtin_strncpy' differ in signedness
Src/common.c: In function 'PrepareConnectionStringRequest':
Src/common.c:667: warning: pointer targets in passing argument 1 of '+builtin_strncpy' differ in signedness
Src/common.c:677: warning: pointer targets in passing argument 1 of '+builtin_strncpy' differ in signedness
Src/common.c:683: warning: pointer targets in passing argument 1 of '+builtin_strncpy' differ in signedness
Src/common.c: In function 'PrepareConnectionString':
Src/common.c:708: warning: pointer targets in passing argument 1 of 'strlen' differ in signedness
Src/common.c:741: warning: pointer targets in passing argument 1 of '+builtin_strncpy' differ in signedness
Src/common.c:746: warning: pointer targets in passing argument 1 of '+builtin_strncpy' differ in signedness
Src/common.c:751: warning: pointer targets in passing argument 1 of 'strlen' differ in signedness
Src/common.c:751: warning: pointer targets in passing argument 1 of 'strlen' differ in signedness
Src/common.c:752: warning: pointer targets in passing argument 1 of '+builtin_strncpy' differ in signedness
Src/common.c:752: warning: pointer targets in passing argument 2 of '+builtin_strncpy' differ in signedness
Src/common.c:771: warning: pointer targets in passing argument 1 of '+builtin_strncpy' differ in signedness
Src/common.c:781: warning: pointer targets in passing argument 1 of '+builtin_strncpy' differ in signedness
Src/common.c: In function 'PostgreTypeConverter':
Src/common.c:955: warning: pointer targets in passing argument 1 of 'strlen' differ in signedness
Src/common.c:958: warning: pointer targets in passing argument 1 of 'strlen' differ in signedness
Src/common.c:958: warning: pointer targets in passing argument 1 of 'strlen' dif
```

History

#1 - 02/14/2006 08:38 AM - anonymous -

Removed compilation warnings (gcc versio 3.4.4) with default compilation flags. Still some warning with -Wall.
Changeset r11

#2 - 02/15/2006 09:48 AM - anonymous -

99% of warnings I get with -Wall - because SQLTCHAR type defined as unsigned char, and str*** functions use char type. So 99% of fixed will be just typecasting SQLTCHAR to/from char. Have we to do it ?

#3 - 02/15/2006 10:22 AM - Álvaro Herrera

Maybe it would be easier to create macros that encapsulate strlen, strcpy etc with the needed typecasts, so that the casts need not be disseminated all over the code. However I see that tchar.h already is quite a mess of #define, which may make the whole thing a little more complicated. Is tchar.h really needed?

#4 - 02/16/2006 07:29 AM - anonymous -

ok, we will remove tchar and make small sqlstr.c with remapping standart string functions to SQLTCHAR compatible

#5 - 02/22/2006 08:14 AM - anonymous -

- *Status changed from New to Closed*

- *Resolution set to fixed*

Appears to resolved in r16