

## CoCoALib - Bug #538

### Compilation problem in TmpMorsePaths.C

16 Apr 2014 12:06 - John Abbott

<b>Status:</b>	Closed	<b>Start date:</b>	16 Apr 2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	John Abbott	<b>% Done:</b>	100%
<b>Category:</b>	Portability	<b>Estimated time:</b>	2.00 hours
<b>Target version:</b>	CoCoALib-0.99533 Easter14	<b>Spent time:</b>	1.00 hour
<b>Description</b>			
<p>[reported by Roberto Pagaria &lt;roberto-dot-pagaria-chiocciola-sns-dot-it&gt;]</p> <p>ieri ho tentato di installare CoCoALib su Mac os X (10.9.2) sul quale era già installato Xcode e per questo compilo con clang.</p> <p>Il problema era che non compilava il file TmpMorsePath.C dando come errore che la funzione MorseIterCompare aveva un tipo sbagliato.</p> <p>Per risolvere il problema ho modificato il tipo della funzione in const in questo modo:</p> <pre>bool MorseIterCompare::operator()(const ConstResIter lhs, const ConstResIter rhs) const</pre> <p>e il relativo file TmpMorsePath.H</p> <p>Successivamente compila senza problemi, anche se non so se crea problemi nell'esecuzione del programma.</p>			

#### History

##### #1 - 16 Apr 2014 12:08 - John Abbott

JAA has tried the proposed modification, and can report that it compiles and all tests pass.

**HOWEVER**, the relevant code is written in a very strange style (who wrote it? there's no name in the file). This code really should be looked at carefully!

Presumably it was written by Mario Albert; I'll add the standard "boilerplate" copyright blurb to the file.

##### #2 - 16 Apr 2014 12:37 - John Abbott

Added copyright blurb to TmpMorse.. files.

##### #3 - 02 May 2014 16:12 - John Abbott

- Status changed from New to Resolved
- Assignee set to John Abbott
- % Done changed from 0 to 80
- Estimated time set to 2.00 h

I have modified the fn signature to the following:

```
bool MorseIterCompare::operator()(const ConstResIter& lhs, const ConstResIter& rhs) const
```

This seems a sensible "improvement". Code compiles; all CoCoA tests pass.  
Marking as resolved.

**#4 - 20 May 2014 09:52 - John Abbott**

- *Status changed from Resolved to Closed*
- *Target version changed from CoCoALib-0.99534 Seoul14 to CoCoALib-0.99533 Easter14*
- *% Done changed from 80 to 100*

I'm closing this issue since it's all working now.

I expect to see Mario Albert next month, and perhaps we can spend some time "auditing" his code (ideally making it simpler and faster).