

unable to cross-compile win32.c

Status:	Rejected	
Priority:	Normal	
Assignee:	nobu (Nobuyoshi Nakada)	
Target version:		
ruby -v:	Revision: 26711	
		Backport:

```
=begin
~/ruby_trunk$ gcc win32/win32.c 2>&1 | grep lvalue
win32/win32.c:4894: error: lvalue required as left operand of assignment
win32/win32.c:5016: error: lvalue required as left operand of assignment
```

Index: win32/win32.c

```
if (pol) {
```

- [REDACTED]
- [REDACTED]

```
    if (wait != WAIT_OBJECT_0) {  
        if (wait == WAIT_OBJECT_0 + 1)  
            errno = EINTR;
```

```
if (pol) {
```

- [REDACTED]
- [REDACTED]

```
    if (wait != WAIT_OBJECT_0) {  
        if (wait == WAIT_OBJECT_0 + 1)  
            errno = EINTR;
```

```
=end
```

#1 - 02/19/2010 12:46 PM - naruse (Yui NARUSE)

- Category set to core
- Status changed from Open to Assigned
- Assignee set to usa (Usaku NAKAMURA)

06/21/2025

=end

#2 - 02/19/2010 01:15 PM - nobu (Nobuyoshi Nakada)

- Assignee changed from usa (Usaku NAKAMURA) to nobu (Nobuyoshi Nakada)

```
=begin
I don't see such errors with i386-mingw32-gcc on darwin.
gcc -v shows:
$ i386-mingw32-gcc -v
Reading specs from /opt/local/lib/gcc/i386-mingw32/3.4.5/specs
Configured with:
/opt/local/var/macports/build/_opt_local_var_macports_sources_rsync.macports.org_release_ports_cross_i386-mingw32-gcc/work/gcc-3.4.5-20060117-1/configure --prefix=/opt/local --infodir=/opt/local/share/info --mandir=/opt/local/share/man --target=i386-mingw32 --without-newlib --disable-nls --with-gnu-as --with-gnu-ld --disable-multilib --with-gxx-include-dir=/opt/local/i386-mingw32/include/c++/3.4.5/
Thread model: single
gcc version 3.4.5 (mingw special)
```

It feels like wait macro is defined. What does this show?

```
gcc -E win32/win32.c | fgrep '= rb_w32_wait_events_blocking'
```

=end

#3 - 02/23/2010 08:02 PM - nobu (Nobuyoshi Nakada)

- Status changed from Assigned to Feedback

=begin

=end

#4 - 04/20/2010 09:29 PM - mame (Yusuke Endoh)

=begin
Hi, Roger

Could you answer to nobu?

--

Yusuke Endoh mame@tsg.ne.jp

=end

#5 - 04/21/2010 05:04 AM - rogerdpack (Roger Pack)

```
=begin
ruby_trunk$ gcc -linclude -E win32/win32.c 2>&1 | fgrep '= rb_w32_wait_events_blocking'
ret = rb_w32_wait_events_blocking(events, count, timeout);
wait = rb_w32_wait_events_blocking(&ol.hEvent, 1, INFINITE);
wait = rb_w32_wait_events_blocking(&ol.hEvent, 1, INFINITE);
```

```
ruby_trunk$ i586-mingw32msvc-gcc win32/win32.c 2>&1 | grep lvalue
win32/win32.c:4320: error: lvalue required as decrement operand
win32/win32.c:4321: error: lvalue required as increment operand
win32/win32.c:4340: error: lvalue required as decrement operand
win32/win32.c:4341: error: lvalue required as increment operand
```

Unfortunately I didn't actually try cross-compiling (just compiling), so it's possible that this is not a real problem. Hope to do a real build this weekend.

-rp
=end

#6 - 04/21/2010 09:41 PM - luislavena (Luis Lavena)

=begin
I can confirm that up to latest revision (r27432) trunk is cross compilable with GCC 3.4.5 (mingw32 from macports)

--

Luis Lavena

=end

#7 - 05/30/2010 02:41 AM - mame (Yusuke Endoh)

=begin

Hi, Roger

Any update here?

--

Yusuke Endoh mame@tsg.ne.jp

=end

#8 - 06/04/2010 02:24 AM - rogerdpack (Roger Pack)

- *Status changed from Feedback to Rejected*

=begin

=end