

## U++ - Bug #1649

### CtrlCore: 'CurrentTime' macro redefined in GtkX11Util.cpp file

02/23/2017 01:52 PM - Sender Ghost

<b>Status:</b>	New	<b>Start date:</b>	02/23/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Miroslav Fidler	<b>% Done:</b>	0%
<b>Category:</b>	CtrlCore	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour

#### Description

The following warning was found on FreeBSD 10.3 (GTK+ 2.24.29, libX11 1.6.4, xproto 7.0.31) with using LLVM/Clang 3.4.1 (and 3.9.1) compiler:

```
In file included from <...>/uppsrc/CtrlCore/GtkX11Util.cpp:15:
In file included from /usr/local/include/gtk-2.0/gdk/gdkx.h:32:
In file included from /usr/local/include/X11/Xlib.h:44:
/usr/local/include/X11/X.h:139:9: warning: 'CurrentTime' macro redefined
#define CurrentTime    0L /* special Time */
    ^
<...>/uppsrc/CtrlCore/GtkX11Util.cpp:13:9: note: previous definition is here
#define CurrentTime XCurrentTime
    ^
1 warning generated.
```

#### Reference links:

<https://github.com/ultimatepp/mirror/blob/2b60bd8e064361c4470c6c2d881b3b82a8f38835/uppsrc/CtrlCore/GtkX11Util.cpp#L15>  
<https://git.gnome.org/browse/gtk+/tree/gdk/x11/gdkx.h?h=2.24.29#n32>  
<https://cgit.freedesktop.org/xorg/lib/libX11/tree/include/X11/Xlib.h?id=libX11-1.6.4#n44>  
<https://cgit.freedesktop.org/xorg/proto/xproto/tree/X.h?id=xproto-7.0.31#n139>  
<https://github.com/ultimatepp/mirror/blob/2b60bd8e064361c4470c6c2d881b3b82a8f38835/uppsrc/CtrlCore/GtkX11Util.cpp#L13>

#### History

#1 - 02/24/2017 09:03 PM - Sender Ghost

- Assignee set to Miroslav Fidler

The [-Wunused-macros](#) compiler's option returned following warnings for uppsrc/CtrlCore/GtkX11Util.cpp file:

GCC 4.9.4:

```
<...>/uppsrc/CtrlCore/GtkX11Util.cpp:13:0: warning: macro "CurrentTime" is not used [-Wunused-macros]
#define CurrentTime XCurrentTime
    ^
<...>/uppsrc/CtrlCore/GtkX11Util.cpp:12:0: warning: macro "Picture" is not used [-Wunused-macros]
#define Picture    XPicture
    ^
```

Clang 3.4.1:

```
<...>/uppsrc/CtrlCore/GtkX11Util.cpp:13:9: warning: macro is not used [-Wunused-macros]
#define CurrentTime XCurrentTime
```

```
^
In file included from <...>/uppsrc/CtrlCore/GtkX11Util.cpp:15:
In file included from /usr/local/include/gtk-2.0/gdk/gdkx.h:32:
In file included from /usr/local/include/X11/Xlib.h:44:
/usr/local/include/X11/X.h:139:9: warning: 'CurrentTime' macro redefined
#define CurrentTime    0L /* special Time */
^
<...>/uppsrc/CtrlCore/GtkX11Util.cpp:13:9: note: previous definition is here
#define CurrentTime XCurrentTime
^
<...>/uppsrc/CtrlCore/GtkX11Util.cpp:12:9: warning: macro is not used [-Wunused-macros]
#define Picture    XPicture
^
3 warnings generated.
```

Looks like, the CurrentTime define was available in X.h file from 2003 year (or earlier in the other version control system):

<https://cgit.freedesktop.org/xorg/proto/xproto/tree/X.h?id=ee0a1a43dc707f960e637fdf2118723e4de0a55d#n119>

<https://cgit.freedesktop.org/xorg/proto/xproto/log/X.h>

Nevertheless, the Picture and CurrentTime defines was added to uppsrc/CtrlCore/GtkX11Util.cpp file for some purpose (in [5718](#) and [5721](#) revisions).

Overall, this is just a warning messages, about which I reported here. Looks like, they didn't cause issue(s) and may be ignored, if there are some use case(s) for such define(s) in different environment.