

## Saxon/C - Support #1960

### PHP Windows builds required for the different compiler versions

2013-12-16 10:26 - O'Neil Delpratt

<b>Status:</b>	In Progress	<b>Start date:</b>	2013-12-16
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	O'Neil Delpratt	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0:00 hour
<b>Sprint/Milestone:</b>		<b>Spent time:</b>	0:00 hour
<b>Found in version:</b>	0.1	<b>Platforms:</b>	
<b>Description</b>			
<p>Bug reported by Vasil Rangelov,</p> <p>I've tried all of the combos with this DDL, and sadly, it's only useful for PHP 5.4.* TS VC9 x86 builds, and nothing else (that is, other combos don't even register at phpinfo()).</p> <p>The necessary binaries for addressing all common Windows PHP setups would be:</p> <p>PHP 5.4 TS VC9</p> <p>PHP 5.4 NTS VC9</p> <p>PHP 5.5 TS VC11</p> <p>PHP 5.5 NTS VC11</p> <p>(all x86)</p> <p>I also tested PHP 5.3 (N)TS VC9 x86, and that too doesn't work. While I see no reason not to also make PHP 5.3 VC9 (N)TS binaries, the PHP 5.3 is now in "security fixes only" mode, soon to be completely EOL-ed, so IMHO, it's OK to not have it... it would hopefully encourage more people to upgrade.</p>			

#### History

##### #1 - 2014-04-02 09:48 - O'Neil Delpratt

- Status changed from New to In Progress

We now have a build for PHP 5.5 on Windows. Currently testing.

##### #2 - 2014-05-09 13:49 - O'Neil Delpratt

Asked on PHP internals on the best way to build Saxon-C on windows:

recommended not to use VS but for debugging.

See <https://wiki.php.net/internals/windows/stepbystepbuild>

copy it to the ../pecl/ directory, run buildconf etc.

You can use phpize too if your exts do not have dependencies against

other extension.

The process is also described in the wiki

Also:

I also try currently to port over this extension to windows:

<https://github.com/piersharding/php-sapnwrfc/issues/6>

My progress is not bad...i think there are some incompatibilities left between the versions....but there are no error messages left at compile ...so its hard to figure out:-/

my resources:

<https://wiki.php.net/internals/windows/stepbystepbuild>

<http://www.php.net/manual/en/internals2.buildsys.configwin.php>

<http://www.dreamincode.net/forums/topic/244215-introduction-to-creating-a-php-extension-for-windows/>

the bad things

- there is no real documentation about config.w32 (i've gone through pecl packages and ported my code from there
  - at least i didnt found one...
- what are the parameters for functions like EXTENSION() CHECK\_LIB() CHECK\_HEADER\_ADD\_INCLUDE().....??
  - i guess them currently with the usage in the different pecl packages....
- what kind of functions are available in config.w32?
- the binaries-tools are from 2011...no vc11 folder is created. <http://windows.php.net/downloads/php-sdk/>
- in the package i have some lib dependencies -> they must be in the deps/bin folder
  - how can i change the source path? only with "--with-extra-libs" ?
  - there is the CHECK\_LIB() function -> but why the lib is not taken from there, instead of the deps/bin folder?