**OpenLDAP – Build libraries only**

Libldap\_r : for threads

Libldap : no thread

VS2017 = version 15

# Build OpenLDAP – Linux with Makefile

Source:

<https://www.openldap.org/software/download/OpenLDAP/openldap-release/>

Build with make file

<https://github.com/mbooth101/openldap/blob/master/README.md>

# Build OpenLDAP – Windows with Visual Studio

Git clone the src code (as zip file) from the below github repo to

D:\Program32bit\openldap-2.4.47

<https://github.com/winlibs/openldap> =🡺 openldap-2.4.47.zip

The src code has already the correct patch & include files mentioned in red below 🡺 you don’t have to do anything.

* **Requirements**

OpenSSL

SASL

The README states :

* **Available prebuilt libraries**

All prebuilt libraries are available as part of the [PHP SDK](http://windows.php.net/downloads/php-sdk/)

<https://windows.php.net/downloads/php-sdk/deps/vc15/x86/>

Download : libsasl-2.1.27…zip

* Apply openldap.patch
* Replace the headers include/lber\_types.h, include/ldap\_config.h, include/features.h and include/portable.h
* Use the supplied solutions in win32/ and build the Release and Debug configurations

**Summary:**

Under D:\Program32bit, there are

libsasl-2.1.27 : already contains libsasl.lin & libsals.dll (don’t have to build)

openldap-2.4.47 : have to build

## Build OpenLDAP with MSVC2017 (vc15)

The solution file is in

D:\Program32bit\openldap-2.4.47\win32\vc15\**liblber.sln**

A screenshot of a computer

Description automatically generated