# Pre-requisites:

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| **Product** | **Download Source** |
| PHP | <https://windows.php.net/download> |
| Wacom WILL SDK for Signature | <https://developer.wacom.com/developer-dashboard/downloads> and select “For signature”. The download file includes an installer for SigCaptX which must also be run. |
| SigCaptX sample code for PHP | <https://github.com/Wacom-Developer/will-sdk-for-signature-sigcaptx-windows> |
| Apache for Windows | <https://www.apachelounge.com/download/>  Installation instructions are at <https://httpd.apache.org/docs/current/platform/windows.html> |

# Installation:

1. Download a thread-safe version of PHP and install in C:\php
2. Copy php.ini-development or php.ini-production to php.ini
3. If you are in a development environment edit php.ini and make sure that the following line is not commented out:

**display\_errors = On**

1. In php.ini add the following lines (e.g. just prior to the “Dynamic Extensions” section):

**[PHP\_COM\_DOTNET]**

**extension=php\_com\_dotnet.dll**

Additionally in the section headed “[COM]” remove the comments from the following lines:

**http://php.net/com.allow-dcom**

**com.allow\_dcom = true**

1. Install and configure Apache to listen on localhost:80 or a different port if you get access permission errors when starting it. When installing on Windows you will probably only need to extract the Apache zip file to your chosen installation directory and run the following command from the Apache bin subdirectory to get the Apache service running:

httpd.exe -k install

1. Add the following 3 lines to the end of your Apache configuration file (httpd.conf):

**LoadModule php7\_module "C:/php/php7apache2\_4.dll"**

**AddHandler application/x-httpd-php .php**

**PHPIniDir "c:/php"**

If you haven’t installed PHP in C:/php then modify the path names above as required.

Restart the Apache server after adding the above lines.

1. Extract the SigCaptX sample code into C:\{APACHE}\htdocs\ where {APACHE} is the name of the folder where you installed Apache. You should therefore end up with 2 subfolders in {APACHE}/htdocs called “sigcapture” and “images”. The “images” folder should be empty. If the “images” folder is missing please create it.
2. From a browser enter <http://localhost:80/sigcapture/SigCaptX.php>

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