

Empezaremos averiguando que versión de Xdebug nos corresponde instalar. Agregamos la sentencia “phpinfo();” en nuestro código.

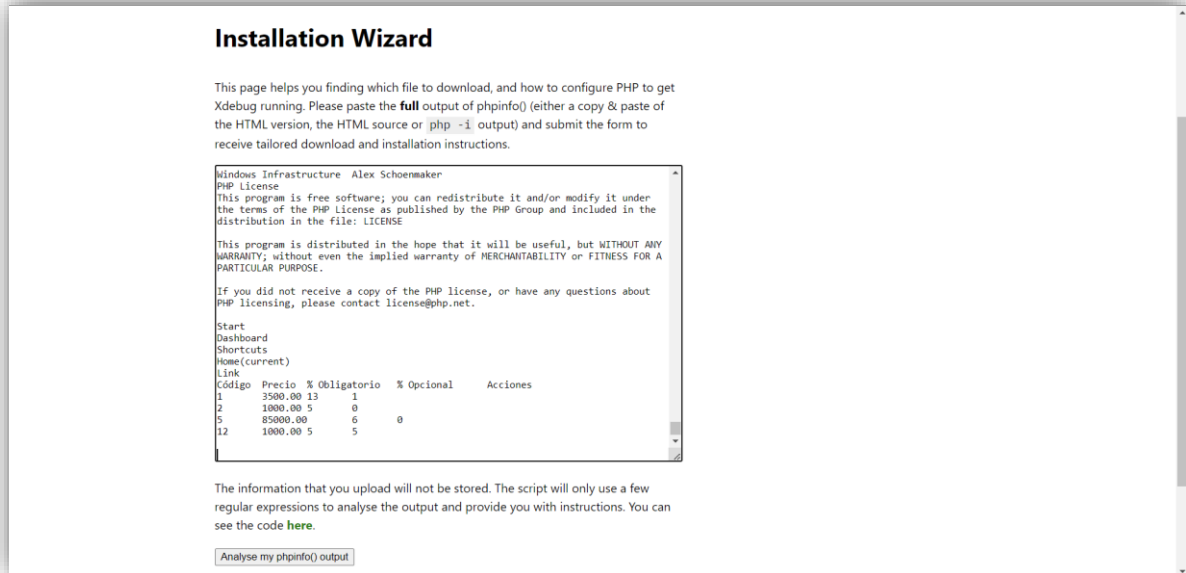
```
index.php x
D: > Cursos Fidélitas > 2022 1C > 3. MN - SC502 - Ambiente Web Cliente Servidor > Semana 5 > Semana 5 > htdocs > Proyecto Base > index.php
1  <?php
2      phpinfo();
3  ?>
4
5  <!DOCTYPE html>
6  <html lang="en">
7  <head>
8
9      <meta charset="utf-8">
10     <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
11     <meta name="description" content="">
12     <meta name="author" content="">
13
14     <title>Start Bootstrap Template</title>
15     <link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
16     <link href="css/simple-sidebar.css" rel="stylesheet">
17
18 </head>
19
20 <body>
```

Entramos al servidor de aplicación y copiamos toda la información. Con ctrl+a, seleccionaremos todo el texto y con ctrl+c lo copiaremos en el portapapeles.



System	Windows NT DESKTOP-SC9JN08 10.0 build 22000 (Windows 10) AMD64
Build Date	Dec 15 2021 10:28:29
Build System	Microsoft Windows Server 2019 Datacenter [10.0.17763]
Compiler	Visual C++ 2019
Architecture	x64
Configure Command	cmdscript /nologo /e:jsconfig configure.js "--enable-snapshot-build" "--enable-debug-pack" "--with-pdo-oci=\\.\\.\\instantclient\ sdk,shared" "--with-oci8-19=\\.\\.\\instantclient\ sdk,shared" "--enable-object-out-dir=.\obj/" "--enable-com-dotnet=shared" "--without-analyzer" "--with-pgo"
Server API	Apache 2.0 Handler
Virtual Directory Support	enabled
Configuration File (php.ini) Path	no value
Loaded Configuration File	C:\xampp\php\php.ini
Scan this dir for additional .ini files	(none)
Additional .ini files parsed	(none)
PHP API	20210902
PHP Extension	20210902
Zend Extension	420210902
Zend Extension Build	API420210902,TS,VS16
PHP Extension Build	API20210902,TS,VS16

Seguidamente en una nueva pestaña iremos a la siguiente dirección <https://xdebug.org/wizard> y con ctrl+v, pegaremos la información del portapapeles. Luego presionamos el botón llamado “Analyse my phpinfo() output”



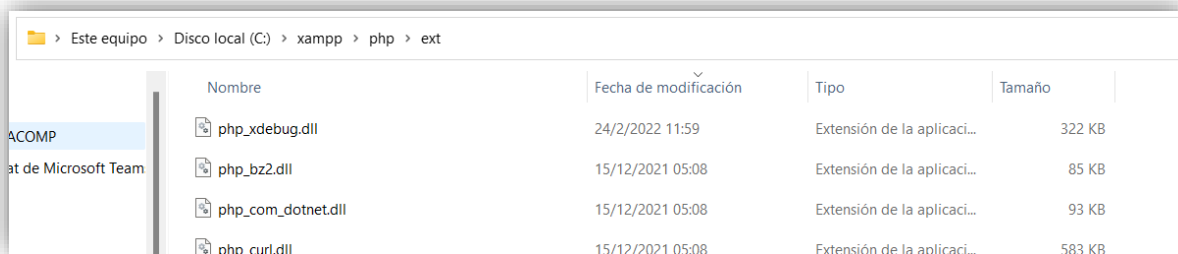
Esto nos mostrará una pantalla con las instrucciones que necesitaremos para usar la extensión Xdebug.

You're already running the latest Xdebug version

But here are the instructions anyway:

1. Download `php_xdebug-3.1.3-8.1-vs16-x86_64.dll`
2. Move the downloaded file to `C:\xampp\php\ext`, and rename it to `php_xdebug.dll`
3. Update `C:\xampp\php\php.ini` to have the line:
`zend_extension = xdebug`
4. Restart the Apache Webserver

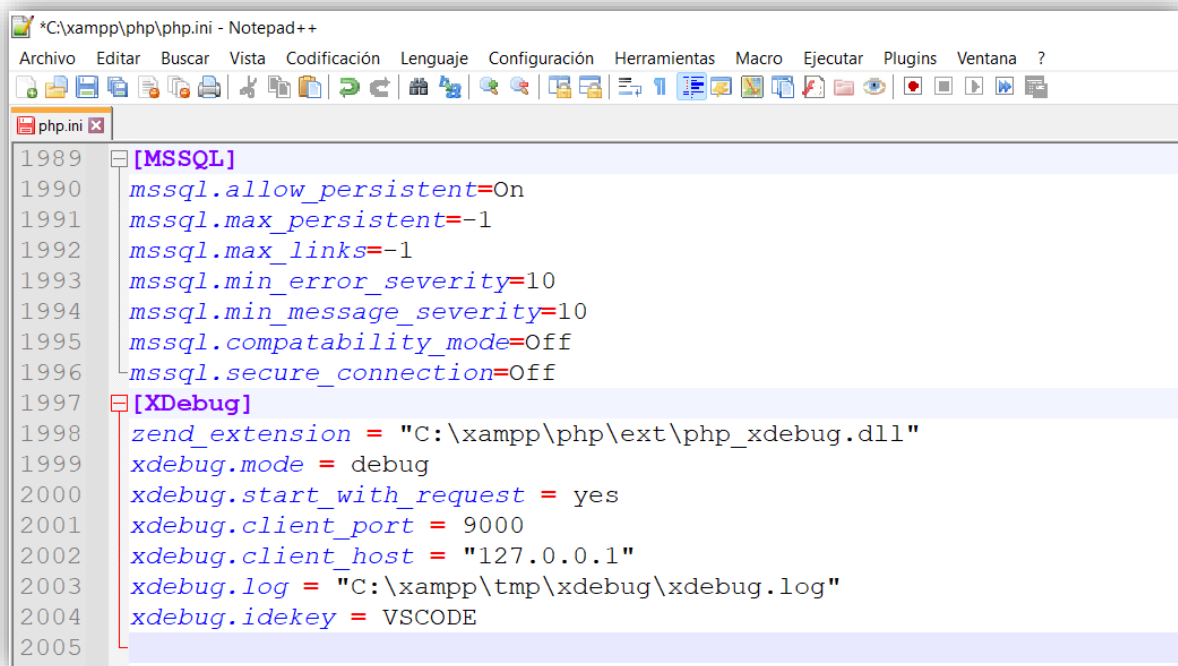
Como lo indica el punto 1, descargamos la librería correspondiente, la movemos a las extensiones de php y le cambiamos el nombre.



Nombre	Fecha de modificación	Tipo	Tamaño
php_xdebug.dll	24/2/2022 11:59	Extensión de la aplicaci...	322 KB
php_bz2.dll	15/12/2021 05:08	Extensión de la aplicaci...	85 KB
php_com_dotnet.dll	15/12/2021 05:08	Extensión de la aplicaci...	93 KB
php_curl.dll	15/12/2021 05:08	Extensión de la aplicaci...	583 KB

Como lo indica el punto 2, agregamos las siguientes líneas al final de nuestro archivo php.ini ubicado en "C:\xampp\php\php.ini"

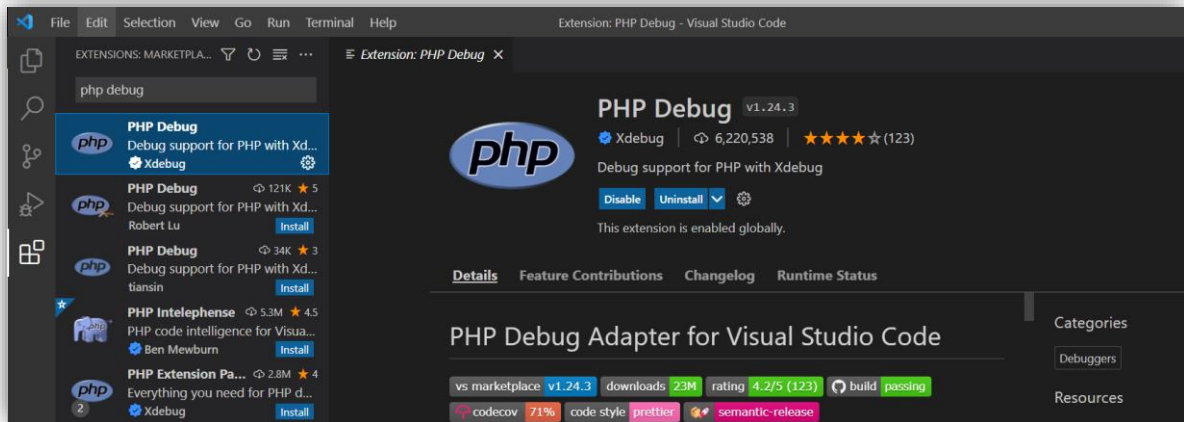
```
[XDebug]
zend_extension = "C:\xampp\php\ext\php_xdebug.dll"
xdebug.mode = debug
xdebug.start_with_request = yes
xdebug.client_port = 9000
xdebug.client_host = "127.0.0.1"
xdebug.log = "C:\xampp\tmp\xdebug\xdebug.log"
xdebug.idekey = VSCODE
```



```
*C:\xampp\php\php.ini - Notepad++
Archivo  Editar  Buscar  Vista  Codificación  Lenguaje  Configuración  Herramientas  Macro  Ejecutar  Plugins  Ventana  ?

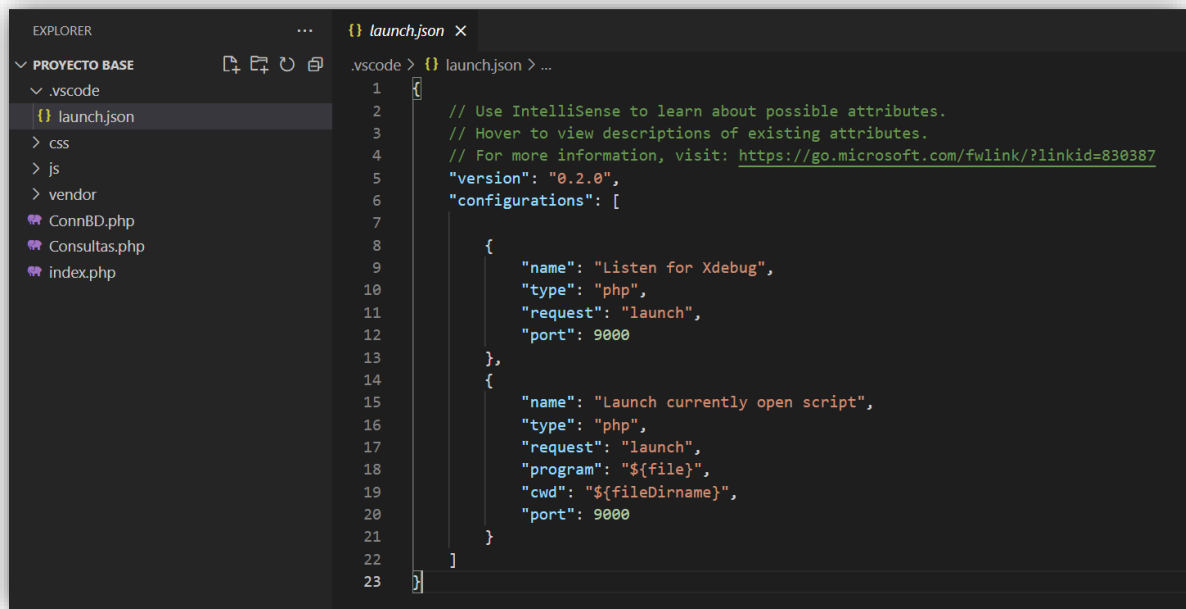
php.ini
1989  [MSSQL]
1990  mssql.allow_persistent=On
1991  mssql.max_persistent=-1
1992  mssql.max_links=-1
1993  mssql.min_error_severity=10
1994  mssql.min_message_severity=10
1995  mssql.compatability_mode=Off
1996  mssql.secure_connection=Off
1997  [XDebug]
1998  zend_extension = "C:\xampp\php\ext\php_xdebug.dll"
1999  xdebug.mode = debug
2000  xdebug.start_with_request = yes
2001  xdebug.client_port = 9000
2002  xdebug.client_host = "127.0.0.1"
2003  xdebug.log = "C:\xampp\tmp\xdebug\xdebug.log"
2004  xdebug.idekey = VSCODE
2005
```

Ahora ya estamos en condiciones para poder depurar con Visual Studio Code. Para ello debemos asegurarnos de tener instalado PHP Debug.



Finalmente configuramos nuestro archivo de depuración "launch.json"

```
{
  // Use IntelliSense to learn about possible attributes.
  // Hover to view descriptions of existing attributes.
  // For more information, visit: https://go.microsoft.com/fwlink/?linkid=830387
  "version": "0.2.0",
  "configurations": [
    {
      "name": "Listen for Xdebug",
      "type": "php",
      "request": "launch",
      "port": 9000
    },
    {
      "name": "Launch currently open script",
      "type": "php",
      "request": "launch",
      "program": "${file}",
      "cwd": "${fileDirname}",
      "port": 9000
    }
  ]
}
```



The image shows a screenshot of the Visual Studio Code (VS Code) editor interface. On the left, the Explorer sidebar is visible, showing a project named 'PROYECTO BASE'. Under the '.vscode' folder, the 'launch.json' file is selected and highlighted. The main editor area displays the contents of 'launch.json', which is a JSON configuration file for launching code. The file includes comments about using IntelliSense and a link for more information. It specifies a version of '0.2.0' and defines two configurations: one for listening for Xdebug and another for launching the currently open script. The JSON is formatted with syntax highlighting and line numbers from 1 to 23.

```
1 {  
2     // Use IntelliSense to learn about possible attributes.  
3     // Hover to view descriptions of existing attributes.  
4     // For more information, visit: https://go.microsoft.com/fwlink/?linkid=830387  
5     "version": "0.2.0",  
6     "configurations": [  
7  
8         {  
9             "name": "Listen for Xdebug",  
10            "type": "php",  
11            "request": "launch",  
12            "port": 9000  
13        },  
14        {  
15            "name": "Launch currently open script",  
16            "type": "php",  
17            "request": "launch",  
18            "program": "${file}",  
19            "cwd": "${fileDirname}",  
20            "port": 9000  
21        }  
22    ]  
23 }
```