

sage

Enterprise Management

Create a Web Portal using Web services

| 110210 2025018

The purpose of this document is to explain how to invoke SOAP Web services from a web portal in PHP.

The portal gives you access to your data, such as orders or customer information in real-time. You do not need to share large files across networks or via email. Because the data stays in the application, not saved out to an external server, it is more secure. Remote employees like sales professions can not only view data, but they can also create new data such as sales orders from any computer with internet access via a browser.

You can create the portal using SOAP web services functionality and WampServer® is a Windows web development environment that allows you to create web applications with Apache2, PHP, and a MySQL database. In addition, PhpMyAdmin allows you to easily manage your databases. [Source: wampserver.com].

Audience

This document is intended for experienced Enterprise Management users with administrator level permissions who may or may not have prior experience with publishing web services. There is also a section specifically for developers who have advanced coding and web services knowledge.

Contents

REQUIREMENTS	6
Install Microsoft Visual C++ Redistributable latest supported downloads	6
BUILD THE PORTAL	8
Install and configure WampServer	8
Configure the server and the pool of Web services	13
Set up the Syracuse Web server	13
Configure the WEB services pool	14
Install and configure the PHP Web portal	16
Download the PHP web portal project files	16
Configure the portal	18
Configure the JWT connection – Connected applications	20
Install the application patch	21
Publish the Web service	23
Cas des erreurs dans la trace	23
USE THE PORTAL	24
Access the portal	25
Read an order	26
Create an order	26
FOR DEVELOPERS	29
List the orders	30
Read an order	33
Create an order while logged in	34
Requirements	4664
Install Microsoft Visual C++ 2012 Redistributable (x64)	4664
Build the portal	5775
Install and configure WampServer	5775

Configure the server and the pool of Web services	10121210
Set up the Syracuse Web server	10121210
Configure the WEB services pool	10131310
Install and configure the PHP Web portal	12151512
Download the PHP web portal project files	12151512
Configure the portal	13161613
Install the application patch	14171714
Publish the Web service	16191916
Cas des erreurs dans la trace	16191916
Use the portal	17202017
Access the portal	17212117
Read an order	18222218
Create an order	18222218
For developers	21252521
List the orders	22262622
Read an order	25292925
Create an order while logged in	26303026
Requirements	4
Install Microsoft Visual C++ 2012 Redistributable (x64)	4
Build the portal	5
Install and configure WampServer	5
Configure the server and the pool of Web services	10
Set up the Syracuse Web server	10
Configure the WEB services pool	10
Install and configure the PHP Web portal	12
Download the PHP web portal project files	12
Configure the portal	13
Install the application patch	14
Publish the Web service	16
Cas des erreurs dans la trace	16
Use the portal	17
Access the portal	17

Read an order	18	a mis en forme : Police par défaut, Police :Gras, Tout en majuscule
Create an order	18	a mis en forme : Police par défaut, Police :Gras, Vérifier l'orthographe et la grammaire
For developers	21	a mis en forme : Police par défaut, Police :Gras, Vérifier l'orthographe et la grammaire
List the orders	22	a mis en forme : Police par défaut, Police :Gras, Tout en majuscule
Read an order	25	a mis en forme : Police par défaut, Police :Gras, Vérifier l'orthographe et la grammaire
Create an order while logged in	26	a mis en forme : Police par défaut, Police :Gras, Vérifier l'orthographe et la grammaire
REQUIREMENTS	4	
Install Microsoft Visual C++ 2012 Redistributable (x64)	4	a mis en forme : Police par défaut, Police :Gras, Vérifier l'orthographe et la grammaire
Install Microsoft Visual C++ 2015 Redistributable (x64)	4	a mis en forme : Police par défaut, Police :Gras, Vérifier l'orthographe et la grammaire
BUILD THE PORTAL	5	
Install and configure WampServer	5	a mis en forme : Police par défaut, Police :Gras, Vérifier l'orthographe et la grammaire
Configure the server and the pool of Web services	7	a mis en forme : Police par défaut, Police :Gras, Vérifier l'orthographe et la grammaire
Install and configure the PHP Web portal	9	a mis en forme : Police par défaut, Police :Gras, Vérifier l'orthographe et la grammaire
Download the PHP web portal project files	9	a mis en forme : Police par défaut, Vérifier l'orthographe et la grammaire
Configure the portal	10	a mis en forme : Police par défaut, Vérifier l'orthographe et la grammaire
Install the application patch	11	a mis en forme : Police par défaut, Vérifier l'orthographe et la grammaire
Publish the Web service	13	a mis en forme : Police par défaut, Vérifier l'orthographe et la grammaire
USE THE PORTAL	14	
Access the portal	14	a mis en forme : Police par défaut, Police :Gras, Tout en majuscule
Read an order	15	a mis en forme : Police par défaut, Police :Gras, Vérifier l'orthographe et la grammaire
Create an order	15	a mis en forme : Police par défaut, Police :Gras, Vérifier l'orthographe et la grammaire
Create an order	16	a mis en forme : Police par défaut, Police :Gras, Vérifier l'orthographe et la grammaire
FOR DEVELOPERS	18	
List the orders	19	a mis en forme : Police par défaut, Police :Gras, Tout en majuscule
Read an order	22	a mis en forme : Police par défaut, Police :Gras, Vérifier l'orthographe et la grammaire
Create an order while logged in	23	a mis en forme : Police par défaut, Police :Gras, Vérifier l'orthographe et la grammaire

Requirements

To build the PHP web portal, you need the following:

- Windows 64 bit operating system
- Sage X3 2025R1 Update 9.0.2 or above
- Microsoft Visual C++ 2012 Redistributable (x64)

a mis en forme : Sans numérotation ni puces

Install Microsoft Visual C++ 2012

RedistributableRedistributable latest supported downloads (x64)

a mis en forme : Anglais (Royaume-Uni)

From [Latest supported Visual C++ Redistributable downloads | Microsoft Learn](https://www.microsoft.com/en-US/download/details.aspx?id=30679)
<https://www.microsoft.com/en-US/download/details.aspx?id=30679>

Select your language from the pull-down menu and click **Download**.

There are multiple files available for this download. When prompted, select **VSU_4\vcredist_x64.exe**.

Choose the download you want

<input type="checkbox"/> File Name
<input checked="" type="checkbox"/> VSU_4\vcredist_x64.exe
<input type="checkbox"/> VSU_4\vcredist_x86.exe
<input type="checkbox"/> VSU4\vcredist_arm.exe

Expand table

Version	Section
Latest supported v14 (for Visual Studio 2017–2026)	Latest supported Redistributable version
Visual Studio 2015	Visual Studio 2015 (VC++ 14.0)
Visual Studio 2013	Visual Studio 2013 (VC++ 12.0)
Visual Studio 2012	Visual Studio 2012 (VC++ 11.0)
Visual Studio 2010	Visual Studio 2010 (VC++ 10.0)
Visual Studio 2008	Visual Studio 2008 (VC++ 9.0)
Visual Studio 2005	Visual Studio 2005 (VC++ 8.0)

For Visual Studio:

- [2010: only x64](#)
- [2012: x64 + x86](#)
- [2013: x64 + x86](#)

a mis en forme : Retrait : Gauche : 0 cm

a mis en forme : Avec puces + Niveau : 1 + Alignement : 2,5 cm + Retrait : 3,14 cm

Build the portal

Install and configure WampServer

You can download WampServer from www.wampserver.com.



On the homepage, scroll down and download this one:

WAMP SERVER 64 BITS (X64) 3.3.7_x640.6

La version qui est en fait téléchargée est au minimum 3.1.4

The version that is actually downloaded is at least 3.3.71.4

a mis en forme : Police :(Par défaut) Arial, 11 pt, Gras, Anglais (Royaume-Uni)

a mis en forme : Police :(Par défaut) Arial, 11 pt, Gras, Anglais (Royaume-Uni)

a mis en forme : SAGE_Body Text, Motif : Transparente

By default, WampServer installs to **c:\sage\wamp**, but you can select a different folder when prompted. By default, WampServer installs in **C:\wamp64** but it is best to choose **c:\sage\wamp**, or a different folder.

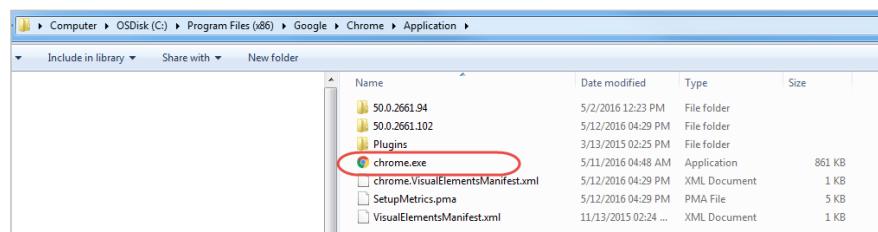
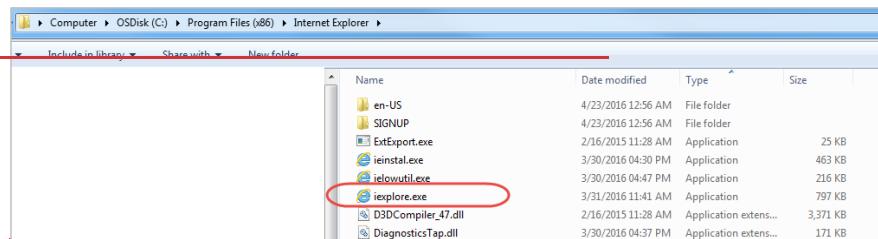
a mis en forme : Police :(Par défaut) Arial, 11 pt, Couleur de police : Couleur personnalisée(RVB(81;83;74)),Anglais (Royaume-Uni)

Next, you can keep the default you need to choose a default browser and the default text editor, such as Chrome or IE.

Navigate to the EXE file on your computer.

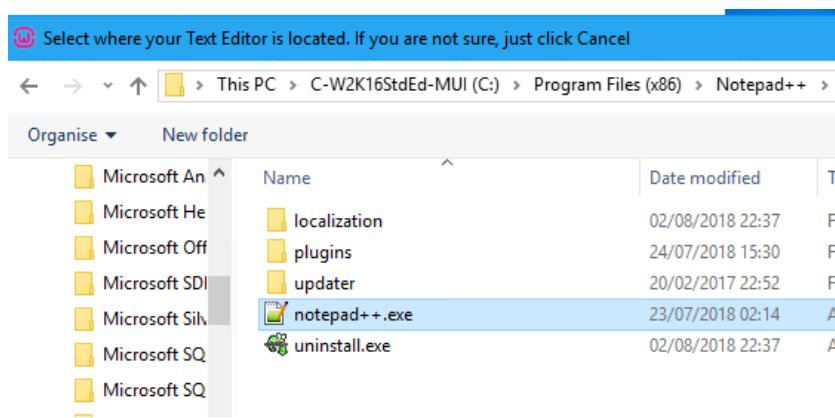
Select the file and click Open.

Examples for IE and Chrome are shown below.



Then you can choose a default text Editor.

Example Notepad ++ (32bits)



Then on your desktop, this program allows to start, stop or configure the server Wamp

a mis en forme : Police :(Par défaut) Arial, 11 pt, Couleur de police : Couleur personnalisée(RVB(81;83;74)),Anglais (Royaume-Uni)

a mis en forme : Police :(Par défaut) Arial, 11 pt, Couleur de police : Couleur personnalisée(RVB(81;83;74)),Anglais (Royaume-Uni)



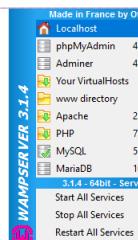
Launch it.

The notification icon changes color and must become Green.

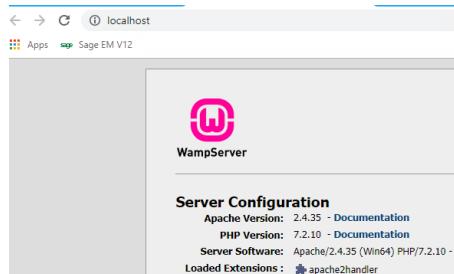


Launch the Wamp server page by clicking on this Icon.

Then select Localhost.



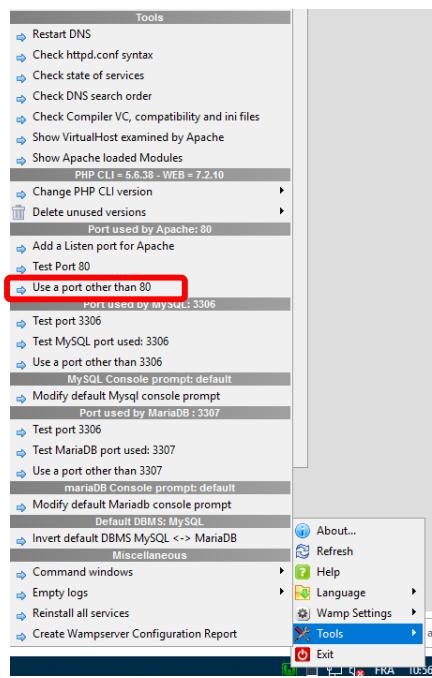
You then have the next page if all goes Well.



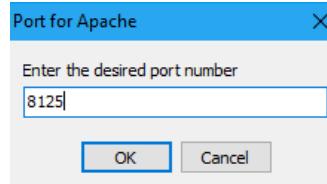
It is necessary to change the default HTTP port, which is 80. For example, you can change it to 8125 or another port.

- a mis en forme : Police :(Par défaut) +Corps (Arial), 11 pt, Anglais (États-Unis)
- a mis en forme : Police :(Par défaut) +Corps (Arial), 11 pt, Anglais (États-Unis)
- a mis en forme : Bullet 1, Retrait : Gauche : 0 cm, Suspended : 0,63 cm, Motif : Transparente
- a mis en forme : Police :(Par défaut) +Corps (Arial), 11 pt, Anglais (États-Unis)
- a mis en forme : Police :(Par défaut) +Corps (Arial), 11 pt, Anglais (États-Unis)
- a mis en forme : Police :(Par défaut) +Corps (Arial), 11 pt, Couleur de police : Texte 1, Anglais (États-Unis)
- a mis en forme : Police :(Par défaut) +Corps (Arial), 11 pt, Couleur de police : Texte 1, Anglais (États-Unis)
- a mis en forme : Retrait : Gauche : 0 cm, Première ligne : 0 cm

Right click on the Wamp icon then Tools then use a port other than 80



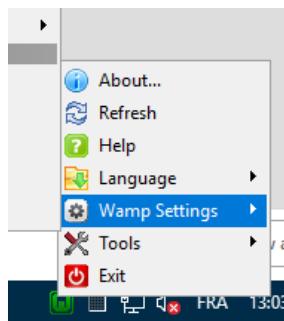
Enter the new port: 8125



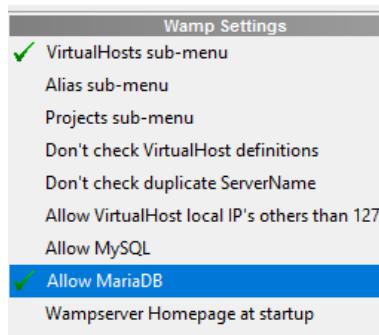
Verify that the page is running on this new port.

The Wamp server includes both MySQL and MariaDB Databases.

To have more resources on our machine, you can stop these two bases.

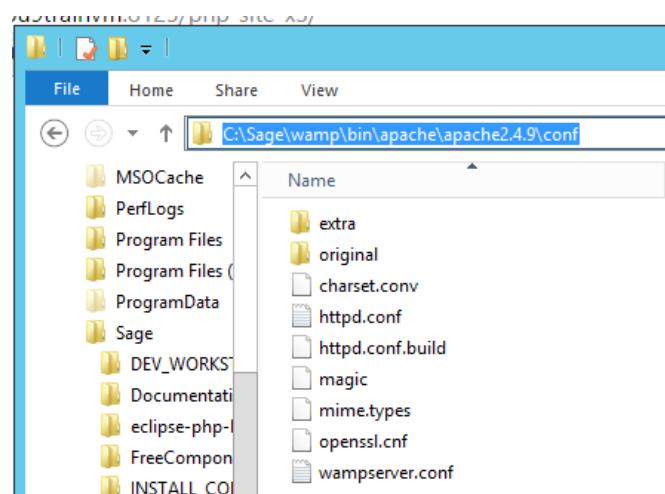


Deselect Allow MySQL and Allow MariaDB



This PHP portal does not use any of these databases

You need to change the default http port, which is **80**. You can, for example, change it to **8125**, or to another port.



Navigate to **c:\Sage\wamp\bin\apache2.4.9\conf**

In Notepad ++, open **httpd.conf** and edit the file as follows:

```
#  
# Listen: Allows you to bind Apache to specific IP addresses and/or  
# ports, instead of the default. See also the <VirtualHost>  
# directive.  
#  
# Change this to Listen on specific IP addresses as shown below to  
# prevent Apache from seizing all bound IP addresses.  
#  
#Listen 12.34.56.78:80  
Listen [::0]:8125
```

Save this file and restart all services for WampServer.

Right-click the WampServer icon on your desktop or taskbar, and select **Restart All Services**.

Note: You can use this same menu to start and stop all services for WampServer at any time.

Leave **All Services Running** while you set up the portal.

Configure the server and the pool of Web services

Set up the Syracuse Web server

In Enterprise Management, complete follow these steps:

Note: The Host name etc. are examples. You might have other names.

Open Administration > Administration > Servers > **Hosts**.

Click the edit icon next to your host name.

On the next screen, in the **Number of Web service child processes** field, enter 1.

The screenshot shows the 'Administration > Administration > Servers' section for 'Host X3PU9TRAINVM'. The 'Connections' table lists three ports: 8124, 80, and 443. The 'Number of child processes' field is set to 2. The 'Number of Web service child processes' field is highlighted with a red oval and contains the value 1.

Port	Active	SSL	Client authentication	Server certificate	Client certificate
8124	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
80	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
443	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	x3pu9trainvm	<input type="button" value=""/>

Number of child processes: 2

Number of Web service child processes: 1

Configure the WEB services pool

Open **Classic SOAP pools configuration** from Administration > Administration > Web Services > [Classic SOAP pools configuration](#)

Click **Create soapClassicPool**.

Complete the following fields:

Alias: Enter the name of the pool to be used in the web service call.

Initialization size: Enter 1.

Represents the number of clients (per node.js process) that are initialized during the pool startup.

Maximum size: Enter 1.

Represents the maximum number of clients (per node.js process) that can be started on this pool.

Auto start: [check box Leave unchecked](#).

If checked, the pool starts when the Syracuse server starts.

Server TAGS: Leave blank.

This field is best used by Developers with classic SOAP pool configuration.

Endpoint: Enter the endpoint (folder) to be used for web service requests.

Locale: Enter your language and location. (In this example, English.)

User: Enter the user name. In this case **Admin**.

The screenshot shows two related configuration pages. The top page is titled 'Pool configuration:' and the bottom page is titled 'Pool configuration: SEED'. Both pages have identical fields:

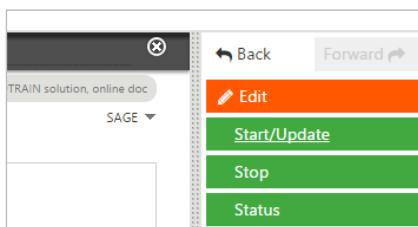
- Alias ***: SEED
- Auto start**: checked
- Initialization size ***: 1
- X3 server TAGS**: (empty)
- Maximum size ***: 1
- Endpoint ***: SEED folder, X3PUTRAIN solution, local doc
- Locale ***: English (United States) en-US
- User ***: admin

To continue setting up the PHP web portal, you need to start the pool.

After you create the pool based on the previous steps, it displays in the list of soapClassicPools.

Click the name of the pool you just created.

From the Actions panel, click **Start/Update**.



Install and configure the PHP Web portal

If you have not already done so, start the web service pool you just created. See steps in the previous section for details.

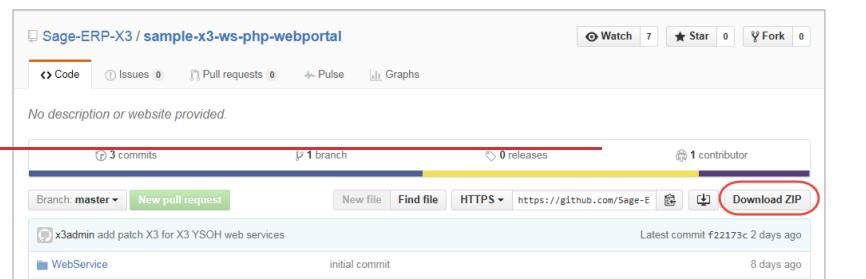
Download the PHP web portal project files

The project file for the PHP web portal is available from GitHub. The project file is open to everyone, so you do not need a GitHub account. The download file contains everything you need to create and configure the portal including the application patch for the YOSOH web service.

From GitHub <https://github.com/Sage-ERP-X3/sample-x3-ws-php-webportal>, click Clone or Download.

If you are logged in to GitHub, you have the option to Clone or Download without being logged in.

Be sure to download the ZIP file.

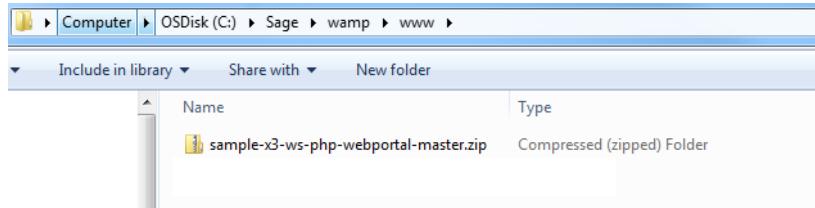


The screenshot shows the GitHub repository page for 'Sage-ERP-X3 / sample-x3-ws-php-webportal'. The repository has 3 commits, 1 branch, 0 releases, and 1 contributor. The 'Download ZIP' button is circled in red. Below the repository details, there is a list of commits:

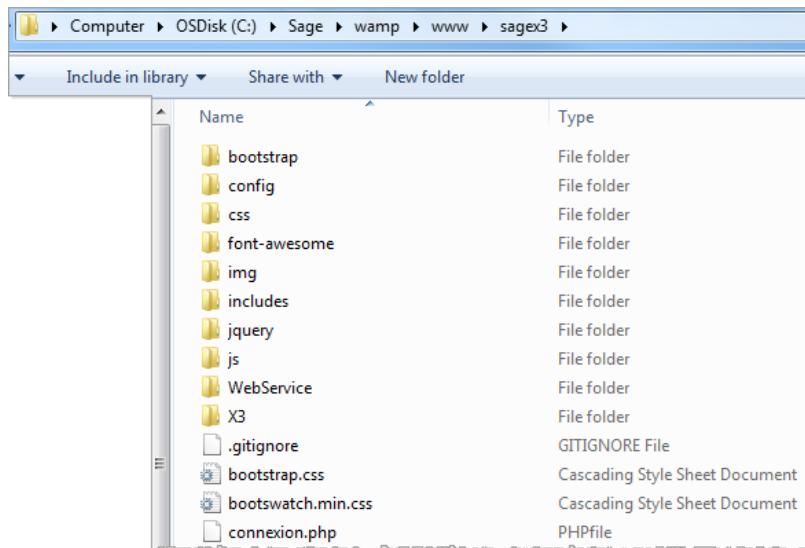
- x3admin add patch X3 for X3 YSOH web services (Latest commit f22173c 2 days ago)
- WebService (initial commit 8 days ago)
- X3PATCH_X3 (add patch X3 for X3 YSOH web services 2 days ago)
- bootstrap (initial commit 8 days ago)

Below the repository page, there is a screenshot of the 'Pool configuration: SEED' screen in the administration interface. The configuration includes fields for Alias (SEED), Auto start (checked), Initialization size (1), Endpoint (EMV12EAP / SEED), Locale (English (United States)), and User (admin).

Save the **sample-x3-ws-php-webportal-master.zip** file to **C:\Sage\wamp\www**.



Extract all files to C:\Sage\wamp\www\sagex3.



Configure the portal

Next, you need to configure the portal to communicate with Enterprise Management.

In the folder C:\Sage\wamp\www\sagex3\config, copyopen the **Config_template.php** to **Config.php**file.

The following fields should match what you entered when you configured your web service pool in Enterprise Management:

no caracter "/" at the end.

"http://<name webserevr X3>/" Not right

WEB_SERVER_X3_WSDL : _____
Your server URLhttp://localhost:8124

Config SOAP Web services X3 : Config.php

*

Config Web server X3

*/

no caracter "/" at the end.

"http://<name webserevr X3>/" Not right

#public static \$WEB_SERVER_X3 = "http://<name webserevr X3>";

public static \$WEB_SERVER_X3 = "http://<name webserevr X3>";

/*

Config SOAP Web services X3

*/

public static \$CODE_LANG = "ENG";

public static \$POOL_ALIAS = "...";

public static \$WS_ORDER = "YOSOH";

public static \$WS_STOCK = "YSTOCK_LOT";

```
public static $WS_PRODUCT = "YOITM";  
-  
/*  
Config GraphQL X3  
*/  
  
public static $GQL_ENDPOINT = "...";  
  
/*  
Config PHP Web Portal  
*/  
  
public static $WEB_SITE_LOGIN = "websage";  
public static $WEB_SITE_PASSWD = "websage";  
  
public static $WEB_SITE_CONSOLE = false;  
  
/*  
Config JWT  
*/  
-  
public static $JWT_CLIENT_ID = "...";  
public static $JWT_SECRET_OR_PRIVATE_KEY = "...";  
public static $JWT_AUDIENCE = "":  
public static $JWT_USER = "...";
```

}

?>

Important! Do not change the punctuation and formatting.

a mis en forme : Anglais (États-Unis)

Configure the JWT connection – Connected applications

The screenshot shows the SAGE X3 Administration interface with the path: Administration > Settings > Authentication. Under 'Connected applications', there is one entry for 'php portal'. The 'Information' tab shows the name 'php portal', URL 'http://localhost:8125', and status 'Active'. The 'Authentication' tab shows Client ID '0cc3aaaf936604a788945641cde199a08', Tokens validity 'expressed in seconds', and Allowed user 'admin Super administrator'.

a mis en forme : SAGE_Body Text

CODE_LANG

a mis en forme : Anglais (Royaume-Uni)

POOL_ALIAS

WS_ORDER YOSOH The name of the Sales orders Web services for orders, is just for this example. You might set up a different web service.

a mis en forme : Retrait : Première ligne : 1,02 cm

WEB_SITE_LOGIN and WEB_SITE_PASSWD represent the credentials you will share with those who will be accessing these web services via the web portal.

```
<?php

class Config{
    public static $WSDL = "http://x3pu9trainvm:8124/soap-wsdl/syracuse/collaboration/syracuse/CAdxWebServiceXmlICC?wsdl";
    public static $CODE_LANG = "ENG";
    public static $CODE_USER = "admin";
    public static $PASSWORD = "...admin";
    public static $POOL_ALIAS = "SEED";
    public static $REQUEST_CONFIG = "adxwss.optreturn=XML";
```

```
— public static $WS_ORDER — = "YOSOH";  
—  
— public static $WEB_SITE_LOGIN — = "websage";  
— public static $WEB_SITE_PASSWD — = "websage";  
—  
}  
?>
```

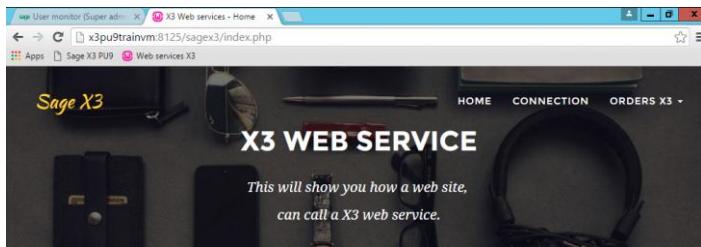
Important! Do not change the punctuation and formatting.

From the WampServer menu, **Restart All Services**.

Enter the URL for your portal in your default browser. In this example the URL is
<http://x3pu9trainvm:8125/sagex3/>

This is the name of Syracuse server and the number was configured in **httpd.conf**.

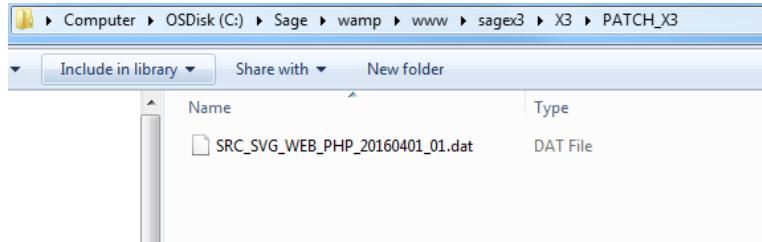
This is an example of what your portal could look like.



Install the application patch

You need to install the patch containing the YOSOH web services. The file was downloaded in the ZIP file from GitHub.

The name of file is **SRC_SVG_WEB_PHP_YYYYMMDD_NN.dat**. It is in the following directory: C:\Sage\wamp\www\X3\PATCH_X3\V12.



Important! You can only install the patch on the SEED folder, not the application folder.

The patch contains the following objects:

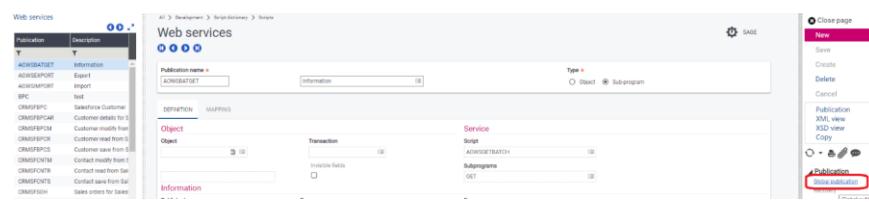
Type	Objects	Comments
ACV	YSWPH	Activity code PHP Web portal
EXE	SUBSLC	Generate Sales entry transaction
TRT	YSWPHPSTOCK	Script Available stock
ASU	YSWPHPSTOCK~STOCK	Sub program YSWPHPSTOCK~STOCK Available stock
AWE	YOSOH	Web service YOSOH Sales orders
AWE	YSSTOCKPHP	Web service YSSTOCKPHP Available stock
SLT	STRTYP=2 & STRNUM='WS'	Sales entry transaction WS: Web service for the web service YOSOH

Publish the Web service

After installing the patch with the web service, you need to publish the service. This validates the web service so that it is visible.

In the application, navigate to **Development > Script dictionary > Scripts** and open **Web services (GESAWE)**.

Cliquez sur Publication globale.



Cas des erreurs dans la trace

Log Reading F34599



a mis en forme : Français (France)

		10/11/18 13:32:07 (ADMIN) Global publication of the Web services SEED
1	[#]	Mapping incorrect between the descriptions. The Web Service update must be forced. BPC ; BPC (4)
2	[#]	Mapping incorrect between the descriptions. The Web Service update must be forced. SOH WS : YOSOH (119)
3	[#]	End of log file error 10/11/18 13:33:16 (0)
4	[#]	

Seulement le web service YOSOH est utilisé.

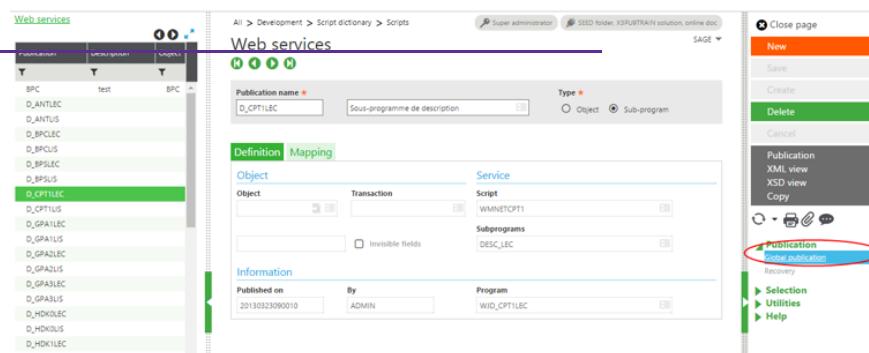
a mis en forme : Français (France)

Dans la même fonction aller sur ce web service YOSOH et cliquer sur le bouton Publication.



Use the portal

Click Global publication.



Use the portal

Now that the web service has been published, you can begin accessing application data in real-time via the portal.

Note: WampServer needs to be running to access the portal and the application services.

Access the portal

Using the default browser that you set earlier, enter the URL for your web portal.

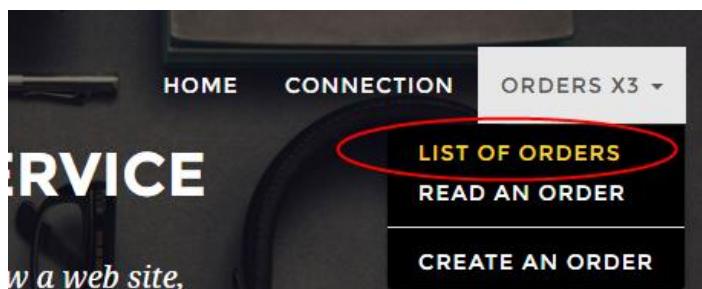
Note: For this example, the URL is <http://x3pu9trainvm:8125/sagex3>.

Click **CONNECTION** and log in with the username and password you set up when configured the portal.

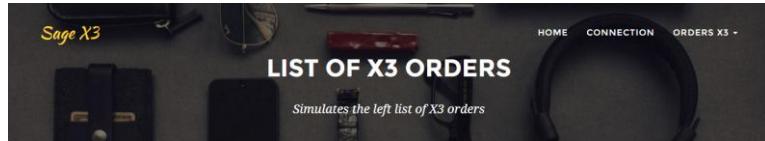
Important! You do not need to be logged into the Portal to view the orders.

Remember, because this web service is based on YOSOH for sales information, this portal provides access to orders in Enterprise Management.

From the **ORDERS X3** pull-down menu, select **LIST OF ORDERS**.



You can now see a list of current orders in your application instance.



RESULT

Order num	Client	Order date	Reference	Sales rep	Delivery status	Postal code
SOWFR0120004	FR002	05/04/2016		FR252	Not delivered	13770
SOWFR0120003	FR001	04/04/2016		FR251	Not delivered	44000
SOWFR0120002	FR004	04/04/2016		FR252	Not delivered	95370
SOWFR0120001	FR004	04/04/2016		FR252	Not delivered	95370

When you look at this data in Enterprise Management, you can see that it is the same.

Order no.	Sold-to	Order date	Reference	Sales rep	Delivery status	Postal
SOWFR0120004	FR002	04/05/16		FR252	Not delivered	13770
SOWFR0120003	FR001	04/04/16		FR251	Not delivered	44000
SOWFR0120002	FR004	04/04/16		FR252	Not delivered	95370
SOWFR0120001	FR004	04/04/16		FR252	Not delivered	95370
SOWFR0110007	FR001	04/04/16		FR251	Not delivered	44000
SOWFR0110006	FR001	04/04/16		FR251	Not delivered	44000
SOWFR0110005	FR004	04/01/16		FR252	Not delivered	95370
SOWFR0110004	FR004	08/31/16	Test report ACCINV1	FR252	Not delivered	95370
SOWFR0110003	FR004	08/31/16	Test report ACCINV	FR252	Not delivered	95370

Read an order

You can read orders by selecting from the list or by selecting **READ AN ORDER** from the **ORDERS X3** menu and entering the order number. For either method, you do not need to be logged in to the portal.

Click the order number for one of the orders in the list. This example uses order SOWFR0120004.

Clicking the order number or enter the order number provides detailed information about that order.



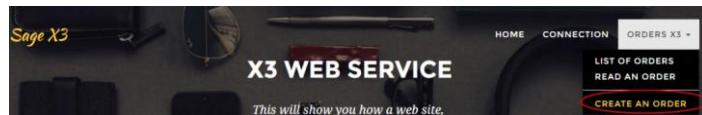
Selection

Order number	SOWFR0120004
<input type="button" value="Cancel"/>	<input type="button" value="SUBMIT"/>

RESULT

Site	Order num	Reference	order date
FR012	SOWFR0120004		05-04-2016
Client	Name of site		
FR002	Vélo Attitudes		
Product		Designation	Quantity
DIS010		Laser Printer B&W 10ppm	10
DIS009		Standard 22" screen 16:10	20

You can create an order in Enterprise Management using the portal. You need to be logged in to the portal to do this.



Remember, you defined the login and password for your portal in Config.php.

Open the file Config.php

```
need to connect to create an order; don't need to login to view orders
<?php

class Config {
    ...

    public static $WEB_SITE_LOGIN      = "websage";
    public static $WEB_SITE_PASSWD    = "websage";

}
?>
```

Create an order

In addition to viewing orders, you can create a new order through the portal.

Note: To create a new order, you need to be logged into the Portal.

From the ORDERS X3 pull-down menu, select **CREATE AN ORDER**.

Enter the relevant information as you would if you were working directly in your application and click **Submit**.

A screenshot of the 'CREATION OF A X3 ORDER' form. The form includes fields for Site (FRO11 - Comptech SA), Date (05/04/2016), Currency (EUR), and Client (FRO03 - Cybertek). Below these, there is a table for Product and Quantity. The table shows two items: DIS5009 - Standard 22" screen 16:10 with a quantity of 1, and DIS5010 - Laser Printer B&W 10ppm with a quantity of 2. There are plus and minus buttons to adjust the quantities, and an 'X' button to remove items. At the bottom are 'Cancel' and 'SUBMIT' buttons.

When the order has been created, click the order number to view details.



Selection

Order number

RESULT

Site	Order num	Reference	order date
FR011	SOWFR0110008		05-04-2016
Client	Name of site		
FR003	Cybertek		
Product	Designation	Quantity	
DIS009	Standard 22" screen 1610	1	
DIS010	Laser Printer B&W 10ppm	2	

In the WS entry transaction, you can see the same order:

Delivery Lines					
#	Product	Standard description	Major version	Minor version	Ordered qty.
1	DIS009	Standard 22" screen 1610			1
2	DIS010	Laser Printer B&W 10ppm			2
3					0

For developers

This section provides details specifically addressed to developers who have an advanced knowledge of coding and web services. The YOSOH web service will still be used as an example.

This section describes how to initiate calls without using an external application, but using the Enterprise Management test tool. You can also see the PHP or C# codes used to call the same web services.

This web service is defined as an object with the WS optimized transaction.

The screenshot shows the SAP ERP interface for creating a new web service. The top navigation bar includes 'All > Development > Script dictionary > Scripts'. The page title is 'Web services'. The main form has the following fields:

Publication name	Sales orders	Type *
*	YOSONH	<input checked="" type="radio"/> Object <input type="radio"/> Sub-program
Object		
Object	Transaction	Service
SOH	WS	Script
Orders		
Subprograms		
<input type="checkbox"/> Invisible fields		
Information		
Published on	By	Program
20160401190309	ADMIN	WJYOSOH

List the orders

In the PHP code:

Remember, the name of the Order web service is SOH.

Config::\$WS_ORDER → YSOH

In /sagex3/page_soh_list.php

```
<?php  
require_once  
( 'WebService/models/Order.php' );  
  
try {  
    $order = new Order ();  
    echo ($order->showListe ());  
}  
catch ( SoapFault  
$e ) {  
    ToolsWS::printError  
( "Web service not available" );  
}  
?  
In /sagex3/WebService/models/Order.php  
  
function showListe() {  
    $WS = "*";  
    $this->CAdxResultXml = $this->query ( Config::$WS_ORDER, $WS,100);  
    ...  
}
```

In the application tool:

Navigate to **Administration > Administration > Web Services** and select **Classic SOAP Web Services**.

From the list of SOAP Generic Web Services, select this web service.

On the next screen, click the down arrow to see the list of Operations.

The screenshot shows the 'SOAP Generic Web' configuration page. At the top, there's a breadcrumb navigation: All > Administration > Administration >. Below it, the title 'SOAP Generic Web' is displayed, with a note 'Name identifies a service'. A table provides basic information:

Name	CAdxWebServiceXmli
Description	CAdxWebServiceXmli
Url	/soap-wsdl/syracuse

Below this is a section titled 'STUB' under 'Ports'. It contains a table:

Name	Protocol
CAdxWebServiceXmliCC	http://sc

The row for 'CAdxWebServiceXmliCC' has a red circle around its first column.

From the list of Operations, click **query**.

The screenshot shows the 'Operations' list page. At the top, there's a header with columns: Name, Description, Soap Action, and Style. Below it, a table lists 12 results, each with a 'Display: 50' dropdown and a blue refresh icon. The operations listed are:

Name	Description	Soap Action	Style
run	Run X3 sub program	run	rpc
save	Create X3 object	save	rpc
delete	Delete X3 object	delete	rpc
read	Read X3 object	read	rpc
query	Get X3 objects list	query	rpc
getDescription	Get X3 web service description regarding publication done in GESAWE	getDescription	rpc
modify	Update X3 object	modify	rpc
actionObject	Execute specific action on X3 object providing XML flow	actionObject	rpc
actionObjectKeys	Execute specific action on X3 object providing keys	actionObjectKeys	rpc
getDataXmlSchema	Get X3 web service schema regarding publication done in GESAWE	getDataXmlSchema	rpc
insertLines	NOT YET IMPLEMENTED !!!	insertLines	rpc
deleteLines	Remove lines from X3 object table	deleteLines	rpc

The request configuration

`adxwss.optreturn=JSON&adxwss.beautify=true`

means

`adxwss.optreturn=JSON`

The output data format is JSON or XML, where

`adxwss.beautify=true`

This action improves the presentation as shown below.

```

query
query $request : Get X3 objects list

Request Response 9 ×

BODY
QUERY RESPONSE
QUERY RETURN
Messages
+
Message
No data to display
Result XML/JSON [ ]
{
    "SOHNUM": "SOWFR0120004",
    "BPCORD": "FR002",
    "ORDDAT": "05/04/2016",
    "CUSORDREF": "",
    "REP": "FR252",
    "DLVSTA": "1",
    "DLVSTA_LBL": "Not delivered",
    "POSCOD": "13770"
},
{
    "SOHNUM": "SOWFR0120003",
    "BPCORD": "FR001",
    "ORDDAT": "04/04/2016",
    "CUSORDREF": "",
    "REP": "FR251",
}

```

Status	1
TECHNICAL INFORMATION	
Busy	X

- 0= ERROR

Read an order

In the PHP code:

In `/sagex3/page_soh_read.php`

```
<?php
...
echo
($order->showOne ( $sohnum ));
...
?>
```

a mis en forme : Allemand (Allemagne)

In `/sagex3/WebService/models/Order.php`

```
function showOne($crit) {
...
$cle = new CAdxParamKeyValue ();
$cle->key = "SOHNUM";
$cle->value = $crit;

$this->CAdxResultXml = $this->read
(Config::$WS_ORDER,Array($cle));
...
}
```

In the application tool:

You must call the Read operation with the key of the order.

read
read \$request : Read X3 object

Request

BODY *

READ *

CALL CONTEXT *

Language code
ENG

Pool alias
SEED

Pool ID

Request configuration
adxws.optreturn=JSON&adxws.beautify=true

Public name *

YOSOH

Object keys

+ Key

No data to display

Object keys

	Key	Value
SOHNUM	SOWFR0110009	

After selecting **Invoke**

Message

No data to display

Result XML/JSON {

```

    "SOHO_1": {
        "SALFCY": "FR011",
        "ZSALFCY": "Comptech SA",
        "SOHTYP": "WEB",
        "ZSOHTYP": "WEB"
    }
  
```

Create an order while logged in

Using the application tool:

At first you can copy the result of the JSON data from the read:

```
{
  "SOH0_1": {
    "SALFCY": "FR011",
    "ZSALFCY": "Comptech SA",
    "SOHTYP": "WEB",
    "ZSOHTYP": "WEB",
    "SOHNUM": " SOWFR0110009 ",
    "RENUM": "0",
    "CUSORDREF": "",
    "ORDDAT": "20160406",
    "CUR": "EUR",
    ...
}
```

a mis en forme : Anglais (Royaume-Uni)

Replace the line: "SOHNUM": " SOWFR0110009 ", with "SOHNUM": " " ,

In the tool, enter this data into the **Object Xml** field.

save

save \$request : Create X3 object

Request	Response 5	X
BODY *		
SAVE *		
CALL CONTEXT *		
Language code	ENG	
Pool alias	SEED	
Pool ID		
Request configuration	adxwss.optreturn=JSON&adxwss.beautify=true	
Public name *	YOSOH	
Object Xml *	<pre>{ "SOH0_1": { "SALFCY": "FR011", "ZSALFCY": "Comptech SA", "SOHTYP": "WEB", "ZSOHTYP": "WEB", "SOHNUM": " " } }</pre>	

Invoke

```
Result XML/JSON {  
    "SOHO_1": {  
        "SALFCY": "FR011",  
        "ZSALFCY": "Comptech SA",  
        "SOHTYP": "WEB",  
        "ZSOHTYP": "WEB",  
        "SOHNUM": "SOWFR0110012",  
    }  
}
```

The code for the order that was created is in the JSON result:

The status have the value 1.

Status	1
TECHNICAL INFORMATION	

PHP code:

In /sagex3/page_soh_create_action.php

```
<?php  
...  
try {  
    $order = new Order ();  
    echo ($order->create ( $WS ));  
} catch ( SoapFault $e ) {  
    ToolsWS::printError ( "web service not available" );  
}  
...  
?>
```

In /sagex3/WebService/models/Order.php

```
function create($WS) {  
    $this->CAdxResultXml = $this->save ( Config::$WS_ORDER, $WS );  
    ...  
}
```


sage

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