

SanMar Web Service PHP Quick Start Guide

By Gibran Waldron

Overview: The SanMar Web Service API is a SOAP-based API that allows systems to receive SanMar related information electronically. The SanMar Product Information Web Service provides real-time access to SanMar's product data, including pricing, descriptions, and images. This quick start guide will walk you through the steps to create a simple PHP application to display the product information XML response for a SanMar style/color/size combination in a browser.

Prerequisites:

Obtain SanMar Web Services Access

You will need to obtain access to SanMar's Web Service before you can use it.

Contact sanmarintegrations@sanmar.com to request access. The SanMar integration team will send you an e-sign agreement to fill out. Upon completion, it will take the integration team 24-48 hours to set up your integration account.

SanMar Product Information WSDL

You will be using the **getProductInfoByStyleColorSize** method from the following WSDL:

<https://ws.sanmar.com:8080/SanMarWebService/SanMarProductInfoServicePort?wsdl>

The **getProductInfoByStyleColorSize** method will allow you to retrieve product details back based on a style/color/size request.

XAMPP

You will need to install the latest version of XAMPP. The XAMPP download will come bundled with the newest versions of PHP and Apache Server.

Your Favorite IDE

Visual Studio Code has been used for the code example. However, you can use any IDE.

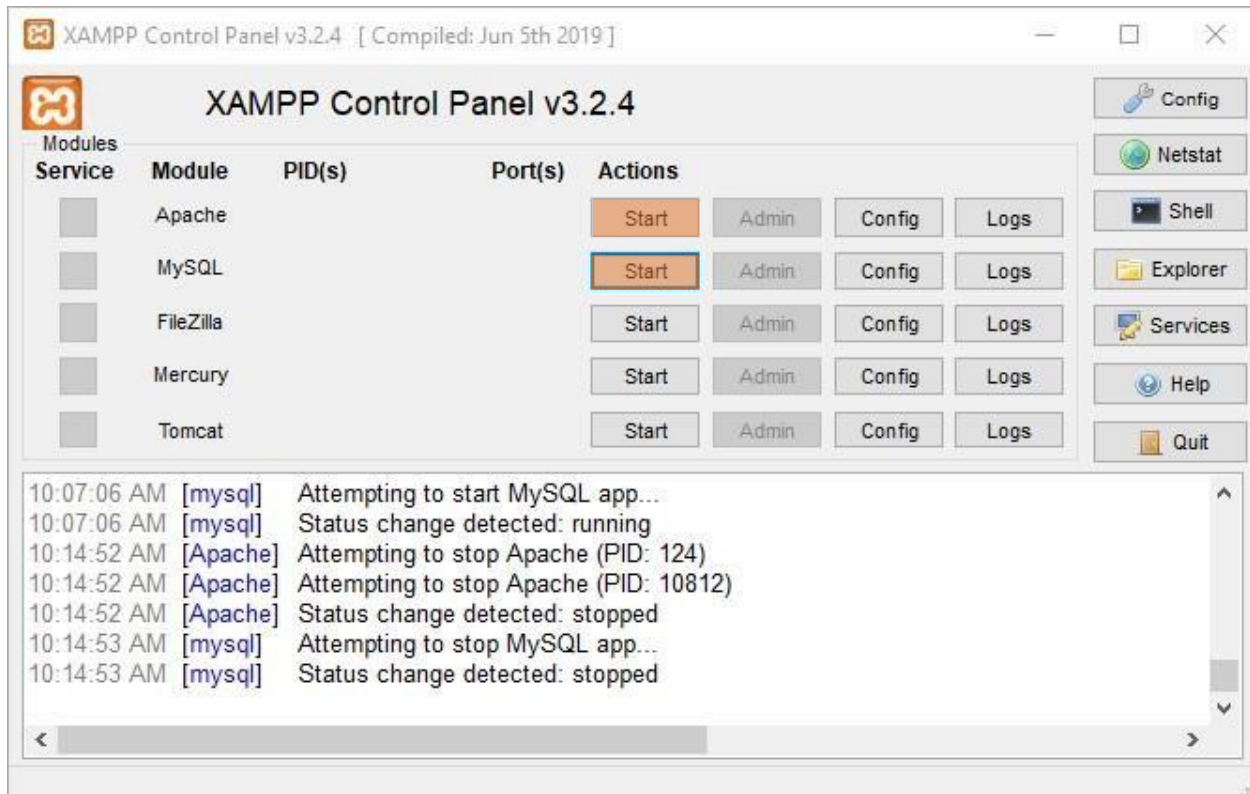
Step 1: Before jumping into the code, review the XML request and response for the **getProductInfoByStyleColorSize** method using style: pc61, color: natural, and size: small (s). The XML request below takes six parameters. You will enter the product parameters between the <arg0> tags: **color**, **size**, and **style**. Between the <arg1> tags, you will enter your credentials: **sanMarCustomerNumber** (your SanMar customer number), **sanMarUserName** (your SanMar.com username), and the **sanMarUserPassword** (your SanMar.com password).

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:impl="http://impl.webservice.integration.sanmar.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <impl:getProductInfoByStyleColorSize>
      <!--Zero or more repetitions:-->
      <arg0>
        <!--Optional:-->
        <color>natural</color>
        <!--Optional:-->
        <size>s</size>
        <!--Optional:-->
        <style>pc61</style>
      </arg0>
      <!--Optional:-->
      <arg1>
        <!--Optional:-->
        <sanMarCustomerNumber>12345</sanMarCustomerNumber>
        <!--Optional:-->
        <sanMarUserName>yourUsername</sanMarUserName>
        <!--Optional:-->
        <sanMarUserPassword>yourPassword</sanMarUserPassword>
        <!--Optional:-->
        <senderId>?</senderId>
        <!--Optional:-->
        <senderPassword>?</senderPassword>
      </arg1>
    </impl:getProductInfoByStyleColorSize>
  </soapenv:Body>
</soapenv:Envelope>
```

The XML response received back is below:

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:getProductInfoByStyleColorSizeResponse xmlns:ns2="http://impl.webservice.integration.sanmar.com/">
      <return>
        <errorOccurred>false</errorOccurred>
        <listResponse>
          <productBasicInfo>
            <availableSizes>Adult Sizes: S-6XL</availableSizes>
            <brandName>Port &amp; Company</brandName>
            <caseSize>72</caseSize>
            <catalogColor>Natural</catalogColor>
            <color>Natural</color>
            <inventoryKey>11807</inventoryKey>
            <keywords>embroidery, embroider, embroidering, screen printing, screenprinting,
screen-printing, screen print, screenprint, screen-print, heat transfer, heat transferring, heat-transferring,
heat seal, heat sealing, heat-sealing, heat-transfer, heat-seal, heattransfer, heatsel, pad print, pad printing,
pad-printing, pad-print, padprint, padprinting, male, males,Short sleeve,
short sleeves, short sleeved, shortsleeve, shortsleeves, shortsleeved, short-sleeve, short-sleeves, short-sleeved,
t shirt, t-shirt, tshirt, t shirts, t-shirts, tshirts, tee shirt, teeshirt, tee-shirt, heavyweight,
heavy weight heavy-weight, preshrunk, pre-shrunk,
pre shrunk, best seller, soft, comfortable, cotton, 100% cotton, xs, s, m, l, xl, 2xl, 3xl, 4xl, 5xl, 6xl, xxl,
xxxl, xxxxl, xxxxxl, xxxxxl,men, men's, mens,</keywords>
            <pieceWeight>0.38</pieceWeight>
            <productDescription>A year-round essential, our best-selling t-shirt has been voted "most popular" by groups, teams, clubs and schools across America.
6.1-ounce, 100% soft spun cotton 98/2 cotton/poly (Ash) 90/10 cotton/poly (Athletic Heather)
50/50 cotton/poly (Dark Heather Grey)</productDescription>
            <productStatus>Active</productStatus>
            <productTitle>Port &amp; Company - Essential Tee. PC61</productTitle>
            <size>S</size>
            <sizeIndex>2</sizeIndex>
            <style>PC61</style>
            <uniqueKey>118072</uniqueKey>
            <category>T-Shirts</category>
          </productBasicInfo>
          <productImageInfo>
            <brandLogoImage>https://cdn1.sanmar.com/catalog/images/portandcompanyheader.jpg</brandLogoImage>
            <colorProductImage>https://cdn1.sanmar.com/catalog/images/imglib/cat1/2016/f17/PC61_natural_model_front_102016.jpg</colorProductImage>
            <colorProductImageThumbnail>https://cdn1.sanmar.com/cache/altview/imglib/cat1/2016/f17/PC61_natural_model_front_102016.jpg</colorProductImageThumbnail>
            <colorSquareImage>https://cdn1.sanmar.com/switch/gifs/port_natural.gif</colorSquareImage>
            <colorSwatchImage>https://cdn1.sanmar.com/catalog/images/PC61sw.jpg</colorSwatchImage>
            <productImage>https://cdn1.sanmar.com/catalog/images/PC61.jpg</productImage>
            <specSheet>https://www.apparelvideos.com/images/specsheet/pdf/specsheet/PC61_specsheet.pdf</specSheet>
            <thumbnailImage>https://cdn1.sanmar.com/catalog/images/PC61TN.jpg</thumbnailImage>
            <titleImage>
            <frontModel>https://cdn1.sanmar.com/imglib/mresjpg/2016/f17/PC61_natural_model_front_102016.jpg</frontModel>
            <backModel>https://cdn1.sanmar.com/imglib/mresjpg/2016/f17/PC61_natural_model_back_102016.jpg</backModel>
            <sideModel>https://cdn1.sanmar.com/imglib/mresjpg/2016/f17/PC61_natural_model_side_102016.jpg</sideModel>
            <backFlat>https://cdn1.sanmar.com/imglib/mresjpg/2010/f1/PC61_Natural_back_FS06.jpg</backFlat>
            <frontFlat>https://cdn1.sanmar.com/imglib/mresjpg/2010/f1/PC61_Natural_Flat_Front_2009.jpg</frontFlat>
            <threeQModel>https://cdn1.sanmar.com/imglib/mresjpg/2016/f17/PC61_natural_model_3q_102016.jpg</threeQModel>
          </productImageInfo>
          <productPriceInfo>
            <casePrice>2.05</casePrice>
            <caseSalePrice>1.56</caseSalePrice>
            <dozenPrice>3.05</dozenPrice>
            <dozenSalePrice>1.56</dozenSalePrice>
            <piecePrice>3.05</piecePrice>
            <pieceSalePrice>1.56</pieceSalePrice>
            <priceCode>A/P</priceCode>
            <priceText>Price applies to sizes S-XL</priceText>
            <saleEndDate>2021-01-30</saleEndDate>
            <saleStartDate>2021-01-25</saleStartDate>
          </productPriceInfo>
        </listResponse>
        <message>Product Info sent successfully.</message>
      </return>
    </ns2:getProductInfoByStyleColorSizeResponse>
  </S:Body>
</S:Envelope>
```

Step 2: Open XAMPP Control Panel and click **Start** for the Apache and MySQL Modules.



Step 3: Navigate to the folder where XAMPP was installed and click on the htdocs folder. Right-click inside the folder and select **New** ➤ **Text Document**. Name the file 'productExample.php.' Open the 'productExample.php' file in Visual Studio Code or your preferred IDE.

Step 4: Copy and paste the code sample below to the productExample.php file and save. Be sure to add your SanMar credentials in the **\$webServiceUser** array:

```
<?php
try{

$localhostWsdUrl="https://ws.sanmar.com:8080/SanMarWebService/SanMarProductInfoServicePort?WSDL
";

    $client= new SoapClient($localhostWsdUrl, array('trace'=>true,
'exceptions'=>true
    ));

    //web service product query

$productInfoByStyleColorSize=array(
'style' => 'pc61',
'color' => 'natural',
'size' => 's'
);

    //web service credentials
$webServiceUser =array(
'sanMarCustomerNumber' => 'sanmarCustomerNumber',
'sanMarUserName' => 'sanmar.comUsername',
'sanMarUserPassword' => 'sanmar.comPassword'
);

$productInfoByStyleColorSize= array('arg0' =>$productInfoByStyleColorSize,'arg1' =>$webServiceUser );


    //calling the getProductInfoByStyleColorSize method.
$result=$client-
>__soapCall('getProductInfoByStyleColorSize',array('getProductInfoByStyleColorSize' => $productInfoBySt
yleColorSize) );

} catch(SoapFault $e){

}

    print "Response:\n".htmlspecialchars($client->__getLastResponse())."\n";
print "</pre>";
?>
```


In the code, PHP's built-in **SoapClient** method is used to access the SanMar Product Information WSDL. For the request, you use the **soapCall** method which submits your web service credentials, and the query for the PC61/Natural/Small to the **getProductInfoByStyleColorSize** method. The XML response is printed out by using the **__getLastResponse** method.

Step 5: Run the code in your browser by using **http://localhost:8080/productExample.php**. You should see a similar response below. The response will retrieve all product data related to the query.

```
Response: <?xml version="1.0" ?><S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/"><S:Body><ns2:getProductInfoByStyleColorSizeResponse
xmlns:ns2="http://impl.webservice.integration.sanmar.com/"><return><errorOccured>false</errorOccured><listResponse><productBasicInfo>
<availableSizes>Adult Sizes: S-6XL</availableSizes><brandName>Port & amp; Company</brandName><caseSize>72</caseSize>
<catalogColor>Natural</catalogColor><color>Natural</color><inventoryKey>11807</inventoryKey><keywords>embroidery, embroider, embroidering, screen
printing, screenprinting, screen-printing, screen print, screenprint, screen-print, heat transfer, heat transferring, heat-transferring, heat seal, heat sealing, heat-sealing,
heat-transfer, heat-seal, heatttransfer, heatseal, pad print, pad printing, pad-printing, pad-print, padprint, padprinting, male, males,Short sleeve, short sleeves, short
sleeved, shortsleeve, shortsleeves, shortsleeved, short-sleeve, short-sleeves, short-sleeved,t shirt, t-shirt, tshirt, t shirts, t-shirts, tshirts, tee shirt, teeshirt, tee-shirt,
heavyweight, heavy weight heavy-weight, preshrunk, pre-shrunk, pre shrunk, best seller, soft, comfortable, cotton, 100% cotton, xs, s, m, l, xl, 2xl, 3xl, 4xl, 5xl, 6xl,
xxl, xxxl, xxxxl, xxxxxxl, xxxxxxl,men, men's, mens,</keywords><pieceWeight>0.38</pieceWeight><productDescription>A year-round essential, our best-selling t-
shirt has been voted &quot;most popular&quot; by groups, teams, clubs and schools across America. 6.1-ounce, 100% soft spun cotton 98/2 cotton/poly (Ash) 90/10
cotton/poly (Athletic Heather) 50/50 cotton/poly (Dark Heather Grey)</productDescription><productStatus>Active</productStatus><productTitle>Port & amp;
Company - Essential Tee. PC61</productTitle><size>S</size><sizeIndex>2</sizeIndex><style>PC61</style><uniqueKey>118072</uniqueKey><category>T-Shirts
</category></productBasicInfo><productImageInfo><brandLogoImage>https://cdnl.sanmar.com/catalog/images/portandcompanyheader.jpg</brandLogoImage>
<colorProductImage>https://cdnl.sanmar.com/catalog/images/imglib/catl/2016/f17/PC61_natural_model_front_102016.jpg</colorProductImage>
<colorProductImageThumbnail>https://cdnl.sanmar.com/cache/altview/imglib/catl/2016/f17/PC61_natural_model_front_102016.jpg</colorProductImageThumbnail>
<colorSquareImage>https://cdnl.sanmar.com/swatch/gifs/port_natural.gif</colorSquareImage>
<colorSwatchImage>https://cdnl.sanmar.com/catalog/images/PC61sw.jpg</colorSwatchImage>
<productImage>https://cdnl.sanmar.com/catalog/images/PC61.jpg</productImage>
<specSheet>https://www.apparelvideos.com/images/specsheet/pdf/specsheet/PC61_specsheet.pdf</specSheet>
<thumbnailImage>https://cdnl.sanmar.com/catalog/images/PC61TN.jpg</thumbnailImage><titleImage></titleImage>
<frontModel>https://cdnl.sanmar.com/imglib/mresjpg/2016/f17/PC61_natural_model_front_102016.jpg</frontModel>
<backModel>https://cdnl.sanmar.com/imglib/mresjpg/2016/f17/PC61_natural_model_back_102016.jpg</backModel>
<sideModel>https://cdnl.sanmar.com/imglib/mresjpg/2016/f17/PC61_natural_model_side_102016.jpg</sideModel>
<backFlat>https://cdnl.sanmar.com/imglib/mresjpg/2010/f1/PC61_Natural_back_FS06.jpg</backFlat>
<frontFlat>https://cdnl.sanmar.com/imglib/mresjpg/2010/f1/PC61_Natural_Flat_Front_2009.jpg</frontFlat>
<threeQModel>https://cdnl.sanmar.com/imglib/mresjpg/2016/f17/PC61_natural_model_3q_102016.jpg</threeQModel></productImageInfo><productPriceInfo>
<casePrice>2.05</casePrice><caseSalePrice>1.56</caseSalePrice><dozenPrice>3.05</dozenPrice><dozenSalePrice>1.56</dozenSalePrice>
<piecePrice>3.05</piecePrice><pieceSalePrice>1.56</pieceSalePrice><priceCode>A/P</priceCode><priceText>Price applies to sizes S-XL</priceText>
<saleEndDate>2021-02-13</saleEndDate><saleStartDate>2021-02-08</saleStartDate></productPriceInfo></listResponse><message>Product Info sent successfully.
</message></return></ns2:getProductInfoByStyleColorSizeResponse></S:Body></S:Envelope>
```