

雙向 SSL (PHP)

範例程式 GetTokenID()

openssl pkcs12 -in stg-cer.pfx -out stg-cer.pem

#把 java 中的私鑰和憑證轉換成 php 需要的格式

```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
```

```
<?php
```

```
$local_cert = "c:\ssows.pem";//指定由.pfx轉成的.pem檔位置
```

```
$passphrase = "123456";//此為的憑證密碼
```

```
$location = "https://124.219.33.34:8182/SSOWSToken/services/GetToken.GetTokenHttpEndpoint";//指定單一簽入服務溝通方式
```

```
/*
```

SOAPClient 的參數說明

參數一：<https://124.219.33.34:8182/SSOWSToken/services/GetToken?wsdl>--指定單一簽入服務 WSDL 位址

參數二：陣列

元素一：'local_cert'=>\$local_cert

元素二：'passphrase'=>\$passphrase

元素三：'location'=>\$location

```
*/
```

```
$client = new
```

```
SOAPClient("https://124.219.33.34:8182/SSOWSToken/services/GetToken?wsdl",array('local_cert'=>$local_cert,'passphrase'=>$passphrase,'location'=>$location));
```

```
$userid_str="DOH-001";//應用系統代碼
```

```
$password_str="123456";//密碼
```

```
$args = array ("systemid" => $userid_str,"password" => $password_str);
```

```
$aStr=$client->GetTokenID($args);
```

```
print_r($aStr);//列印呼叫結果
```

```
?>
```

範例程式 GetTokenID()+AddUser()

```
<?
```

```
function show_array($a, $blank="") { # print all elements in array
```

```
$do_htmlspecialchars = false;
```

```
if ( func_num_args() == 3 ) {
```

```
    $do_htmlspecialchars = func_get_arg(2);
```

```
}
```

```
echo "<table width=\"100%%\"><tr><td><pre>";
```

```
    if(!isset($a)) {echo " variable is not set! <p>\n"; return;} 
```

```
    if (!is_array($a)) return;
```

```
    $keys = array_keys($a);
```

```
    for($i=0; $i<sizeof($keys); $i++) {
```

```
        if (!is_array($a[$keys[$i]])) {
```

```
            if ($do_htmlspecialchars) {
```

```

        echo $blank . '['.$keys[$i].']='.htmlspecialchars($a[$keys[$i]])."<br>\n";
    } else {
        echo $blank . '['.$keys[$i].']='.$a[$keys[$i]]."<br>\n";
    }
} else {
    echo $blank . '['.$keys[$i].']"<br>\n";
    show_array($a[$keys[$i]], $blank.' ');
}
}
}
echo "</pre></td></tr></table>";
}

function std_class_object_to_array($stdclassobject)
{
    $_array = is_object($stdclassobject) ? get_object_vars($stdclassobject) : $stdclassobject;

    foreach ($_array as $key => $value) {
        $value = (is_array($value) || is_object($value)) ? std_class_object_to_array($value) : $value;
        $array[$key] = $value;
    }

    return $array;
}

```

?>

<?

```
include_once ('./nusoap.php');
```

```
$wsdl = "https://203.65.43.107:8182/SSOWSToken/services/GetToken?wsdl";
```

```
$local_cert = "C:\\DOH-OOO.pem";//指定由.pfx轉成的.pem檔位置 (此為指定絕對路徑)
```

```
$passphrase = "112233";//此為的.pem檔的憑證密碼
```

```
//宣告GetToken的服務變數
```

```
$location = "https://203.65.43.107:8182/SSOWSToken/services/GetToken.GetTokenHttpSoap12Endpoint";//指定單一簽入服務溝通方式
```

```
$client = new
```

```
SOAPClient("https://203.65.43.107:8182/SSOWSToken/services/GetToken?wsdl",array('local_cert'=>$local_cert,'passphrase'=>$passphrase,'location'=>$location));
```

```
$userid_str="DOH-OOO";//應用系統代碼
```

```
$password_str="xxx";//密碼
```

```
$args = array ("systemid" => $userid_str,"password" => $password_str);
```

```
$temp_result=$client->GetTokenID($args);
```

```
$temp_result_arr=std_class_object_to_array($temp_result);
```

```
$result=$temp_result_arr['return'];
```

```
$fp=fopen("sso.xml","w+");
fputs($fp,$result);
fclose($fp);

// 首先要建一個DOMDocument對象
$xml = new DOMDocument();
// 讀取Xml文件
$xml->load("sso.xml");
// 獲取所有的標籤
$postDom = $xml->getElementsByTagName("PERSON");
// 走遍指定的標籤
$repeat_arr=array();

foreach($postDom as $post)
{
    // 獲取Title標籤
    $title = $post->getElementsByTagName("TOKENID");
    // 取得TOKENID
    $TOKENID_str=$title->item(0)->nodeValue;
}
```

```
/******  
 * 取得登入資訊  
*****/  
//宣告SSOWS服務位址  
$wsdl = "https://this-portal.doh.gov.tw:8182/SSOWS/services/SSO?wsdl";  
$wsdl2 = "https://this-portal.doh.gov.tw:8182/SSOWS/services/SSO.SSOHttpSoap11Endpoint";  
  
$client2 = new SOAPClient($wsdl, array('local_cert'=>$local_cert,'passphrase'=>$passphrase,'location'=>$wsdl2));  
  
$xml_str="<?xml version='1.0' encoding='UTF8'?><SSO><AMSSOKEY>".$_POST['SSOTokenID'].</AMSSOKEY></SSO>";  
$args = array ("TokenID" => $TOKENID_str,"xml" => $xml_str);  
  
$temp_result2=$client2->userLogin($args);//呼叫單一簽入服務的userLogin method  
$temp_result_arr=std_class_object_to_array($temp_result2);  
  
$matches=array();  
$pattern="/*<CN>(.*<VCN>.*)";  
preg_match ($pattern, $temp_result_arr['return'], $matches);  
//show_array($matches);  
  
if($matches[1] != "")  
    setcookie("user_name",$matches[1]);
```

```
else
    setcookie("user_name","會員");
```

```
print "<script>";
```

```
print "location.href='index.php';;";
```

```
print "</script>";
```

```
exit;
```

```
?>
```