

## **DRM-X (2.0) Synchronize user integration (UpdateRights)**



**Haihaisoft Limited**

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## I . Overview

Synchronize user integration is synchronizing the users register on your website into DRM-X platform. After being integrated, your users just need to register and login on your website to get the license for playing your contents protected by DRM-X.

DRM-X XML Web Service provides you with the interface that you can use to synchronize your users into DRM-X platform.

All that you need to do is just to call **UpdateRight** function. You can get the details about DRM-X Web Service by visiting the link below:

<http://www.drm-x.com/2/haihaisoftLicenseservice.aspx>

## II . What necessary before integration?

### **DRM-X Account**

You need to have a DRM-X [Premier Account](#) or a [Business Account](#) before you can integrate with your platform.

Click the link below to see the DRM-X Account Comparison,

<http://www.drm-x.com/Fees-Compare.aspx>

## "Update Right" page

You just call some code that you can update user's right conveniently.

It's easy, go ahead!

### III. Parameter Introduction

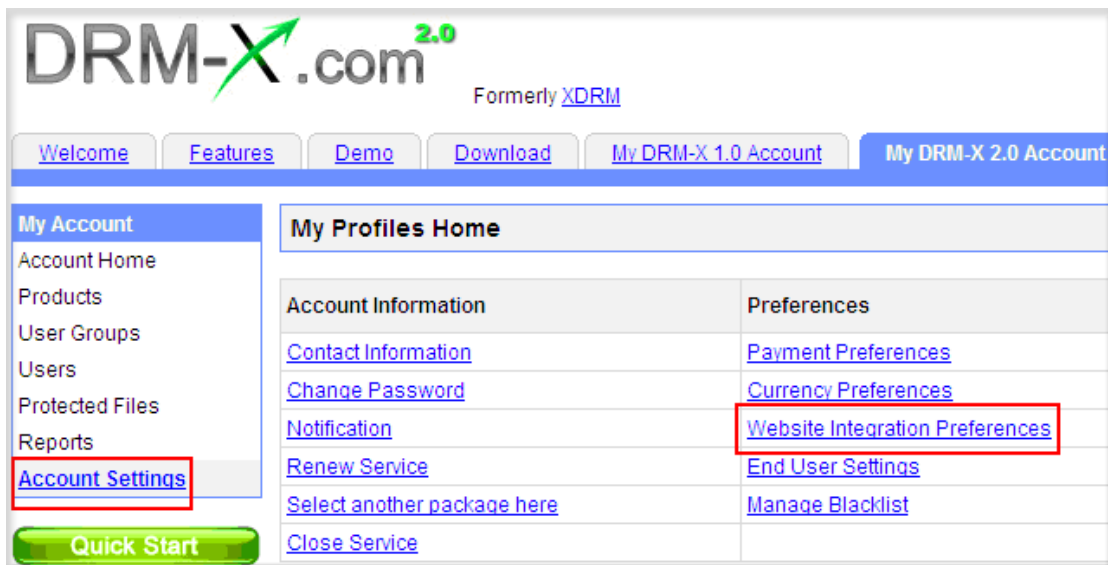
- **AdminEmail:** Your login Email of DRM-X Account (Required).
- **WebServiceAuthStr:** The Web Service Authenticate String for DRM-X web service. The value you set here must be the same with the one on your DRM-X account.
- **RightsID:** This is the Rights ID in your DRM-X platform.
- **Description:** This is Rights description.
- **PlayCount:** This is play count.
- **BeginDate:** This is the license begin Date.
- **ExpirationDate:** This is the license expiration Date.
- **ExpirationAfterFitstUse:** Expiration after First Use.
- **Rightsprice:** This is the price of one license you set.
- **AllowDoc:** If you allow protecting PDF files.
- **AllowPrint:** If you allow the protected file to be printed.
- **AllowClipboard:** If you allow users to use ClipBoard.
- **EnableWatermark:** If you enable Watermark for your files.
- **WatermarkText:** This is the Watermark text .(Your

Brand\r\n++username)

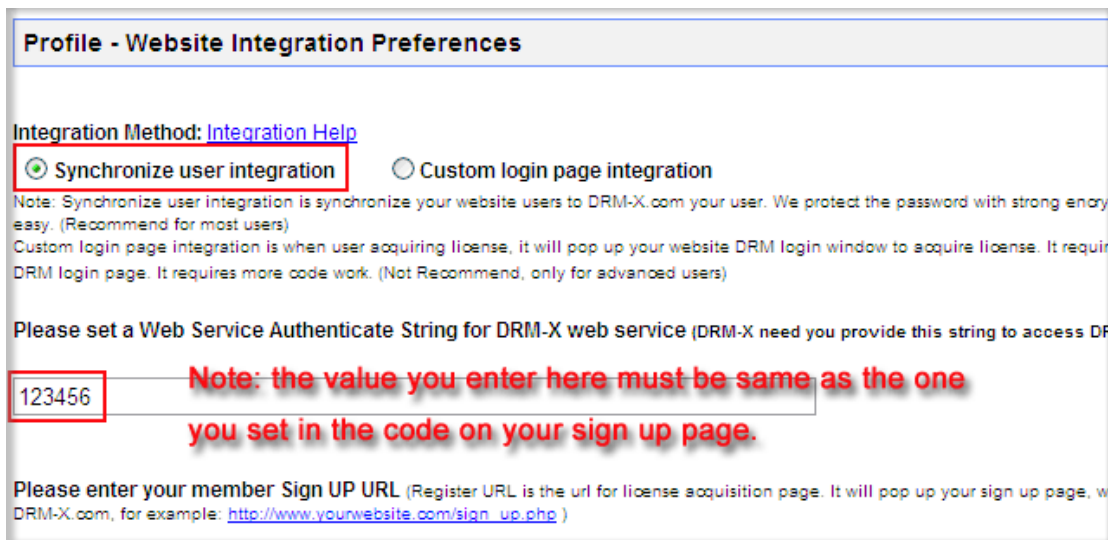
- **WatermarkArea:** This is Watermark area.

**Steps to set:**

1. Login your [DRM-X](#) account.
2. Click the **Account Settings** in the left panel and choose the **Website Integration Preferences**, as shown in the screenshot below:



3. Select **Synchronize User Integration** and enter the Web Service Authenticate String. As shown in the screenshot below:



4. Click the **Submit** button below and you will get the message shown

on the picture below:

**Profile - Website Integration Preferences**

You have updated Website Integration Preferences successfully.

Integration Method: [Integration Help](#)

Synchronize user integration     Custom login page integration

Note: Synchronize user integration is synchronize your website users to DRM-X.com your user. We protect the password with strong encryption. (Recommend for most users)  
Custom login page integration is when user acquiring license, it will pop up your website DRM login window to acquire license. It requires more code work. (Not Recommend, only for advanced users)

Please set a Web Service Authenticate String for DRM-X web service (DRM-X need you provide this string to access DRM-X.com)

123456

Please enter your member Sign UP URL (Register URL is the url for license acquisition page. It will pop up your sign up page, with DRM-X.com, for example: [http://www.yourwebsite.com/sign\\_up.php](http://www.yourwebsite.com/sign_up.php))

## IV. Download Sample Code

You can download the sample pages by clicking the link below:

[http://www.drm-x.com/download/DRM-X\\_2.0\\_Synchronize\\_user\\_integration/UpdateRights.rar](http://www.drm-x.com/download/DRM-X_2.0_Synchronize_user_integration/UpdateRights.rar)

## V. Step by Step Introduction

**Step1: Open your “UpdateRight.php” page**

**Step2: Download nusoap.php classes**

Download "nusoap.php" file:

<http://www.drm-x.com/download/nusoap.txt>

Note: Please rename the file into .php extension and save it after you download.

### Step3: Call "UpdateRight" function

When users' information are added your database, please run these codes  
blew, then call **DRM-X XML Web Service** and synchronize to your  
DRM-X platform.

```
<? php
$id = $_REQUEST ["id"];
$Description = $_REQUEST ["Description"];
$PlayCount = $_REQUEST ["PlayCount"];
$BeginDate = $_REQUEST ["BeginDate"];
$ExpirationDate = $_REQUEST ["ExpirationDate"];
$ExpirationAfterFirstUse = $_REQUEST ["ExpirationAfterFirstUse"];
$RightsPrice = $_REQUEST ["RightsPrice"];
$AllowPrint = $_REQUEST ["AllowPrint"];
$AllowClipBoard = $_REQUEST ["AllowClipBoard"];
$AllowDoc = $_REQUEST ["AllowDoc"];
$EnableWatermark = $_REQUEST ["EnableWatermark"];
$WatermarkText = $_REQUEST ["WatermarkText"];
$WatermarkArea = $_REQUEST ["WatermarkArea"];
$RandomChangeArea = $_REQUEST ["RandomChangeArea"];
$RandomFrquency = $_REQUEST ["RandomFrquency"];
require_once('nusoap.php');
$wsdl="http://www.drm-x.com/2/haihaisoftlicenseservice.asmx?wsdl";
$client=new soapclient2($wsdl, 'wsdl');
$client->soap_defencoding = 'UTF-8';
$client->decode_utf8 = false;
$AdminEmail="jason@haihaisoft.com";
$WebServiceAuthStr="123456";
$params = array (
    'AdminEmail' => $AdminEmail,
    'WebServiceAuthStr' => $WebServiceAuthStr,
    'RightsID' =>$id,
    'Description' =>$Description,
    'PlayCount' => $PlayCount,
    'BeginDate' => $BeginDate,
    'ExpirationDate' => $ExpirationDate,
    'ExpirationAfterFirstUse' => $ExpirationAfterFirstUse,
    'RightsPrice'=>$RightsPrice,
    'AllowPrint' => $AllowPrint,
    'AllowClipBoard' => $AllowClipBoard,
    'AllowDoc' => $AllowDoc,
```

```
'EnableWatermark' => $EnableWatermark,  
'WatermarkText' => $WatermarkText,  
'WatermarkArea' => $WatermarkArea,  
'RandomChangeArea' => $RandomChangeArea,  
'RandomFrquency' =>$RandomFrquency );  
$result = $client->call ('UpdateRight', array ('parameters' => $param), "", true, true);  
$message= $result ['UpdateRightResult'];  
echo $message;ssage;  
?>
```

## Step4: Run the “index.php” page

When you call the “**UpdateRight.php**” page, if you receive ‘1’, that means you have already updated right successfully. Please check if it has been added successfully to your database and DRM-X platform.

## VI. "UpdateRight" XML web service

You can get the details about “**UpdateRight**” Web Service by visiting the link:

<http://www.drm-x.com/2/haihaisoftLicenseservice.asmx?op=UpdateRight>

## VII. DRM-X 1.0 Related integration

- [Synchronize User Integration \(PHP Guide\)](#)
- [Custom Login Page Integration \(PHP Guide\)](#)
- [Synchronize User Integration \(ASP.net VB Guide\)](#)
- [Custom Login Page Integration \(ASP.net VB Guide\)](#)
- [Synchronize User Integration \(ASP.net C# Guide\)](#)

- [Custom Login Page Integration \(ASP.net C# Guide\)](#)

## VIII. Expert support from Haihaisoft

If you have problems with the integration, Please feel free to contact us:

<http://www.haihaisoft.com/Contact.aspx>



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