Avatar API

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Overview

The Avatar API allows you get a name and profile image from an email address. Gmail addresses work best.

HTTP usage

You can call this via any client capable of making a HTTP request, in it's simplist form, you make a GET request as follows

https://www.avatarapi.com/avatar.asmx/GetProfile?email=peter.smith@gmail.com&username=xxxxx&password=xxxxx

Where xxxx is your username and password.

* Your password can also be sent in as an MD5 Hash (uppercase hex encoded)

You will receive XML as follows

```
<profile xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://avatarapi.com/">
   <Name>Peter Smith</Name>
```

```
   <Image>
     https://lh3.googleusercontent.com/-06yJmZ9VFKI/AAAAAAAAAI/AAAAAAAAAA/KH
     Oss3osMJ4/s181-c/117841766777955842390.jpg
   </Image>
   <Valid>true</Valid>
   <IsDefault>false</IsDefault>
 </profile>
```

Google Plus Profile Link:

If the profile image comes from google, then you will note that the Google Plus ID is in the profile image, as the filename (**117841766777955842390**) in the example above. To link to a Google Plus profile, you need to use a url in the form:

https://plus.google.com/**117841766777955842390**

Flikr Profile Link:

If the profile image comes from Flckr, then it is possible to link to the Flikr profile by replacing the ID with a url in the form:

https://www.flickr.com/photos/**132057795@N07/**

PHP implementation

You can call the webservice via PHP using code such as the following:

Replacing the xxxxx with your username and password.

```php
<?php
$client = new SoapClient("http://www.avatarapi.com/avatar.asmx?wsdl");
$params = array (
   "email" => "john.reid@gmail.com",
   "username" => "xxxxx",
   "password" => "xxxxxx"
);
$response = $client->__soapCall('GetProfile', array($params));
print_r($response);
 ?>
```

C# implementation

To use C# to call this API, you must first add a web service reference to your project by right clicking Add > Service Reference, and entering the url
http://www.avatarapi.com/avatar.asmx

You can call the namespace "Avatar", for the purposes of this example, then just add this code into a console app;

Replacing the xxxxx with your username and password.

```
var avatar = new avatarSoapClient();
var profile = avatar.GetProfile("john.reid@gmail.com", "xxxx", "xxxx");
Console.WriteLine(profile.Name);
Console.ReadLine();
```