

To: "Jake McGuire" <jake@youtube.com>, "Dennis Hsiao \ (RDMC)" <dennis@goCyberlink.com>  
From: "Edward Huang \ (RDMC)" <edward\_huang@gocyberlink.com>  
Cc:  
Bcc:  
Received Date: 2006-05-18 04:18:01 GMT  
Subject: RE: YouTube API first glance

---

If MSN is not available, we confirm the time to work by email. ^^  
Thank you!

Edward

-----Original Message-----

From: Jake McGuire [mailto:jake@youtube.com]  
Sent: Thursday, May 18, 2006 11:13 AM  
To: Dennis Hsiao (RDMC)  
Cc: Edward Huang (RDMC)  
Subject: Re: YouTube API first glance

That sounds OK to me. I told Edward that I have AIM and Yahoo! IM (oJAKEMo and [REDACTED] respectively).

-jake

On May 17, 2006, at 8:09 PM, Dennis Hsiao ((RDMC)) wrote:

> Jake,  
> Since we both sides have time zone difference, how about negotiating a  
> period of time  
> of a day so that we can work closely and quickly?  
> Ex. CL@10:00~14:00 = YouTube@19:00~23:00  
>  
> Just an idea. What do you think?  
>  
> --  
> dennis  
>  
> -----Original Message-----  
> From: Edward Huang (RDMC)  
> Sent: Thursday, May 18, 2006 10:42 AM  
> To: 'Jake McGuire'  
> Cc: Dennis Hsiao (RDMC)  
> Subject: RE: YouTube API first glance  
>  
> Hi, Jake,  
>  
> My MSN accout is  
>  
> [REDACTED]  
>  
> Maybe we can talk online immediately, when I encounter some problems.  
>  
> Thanks!  
>  
>

> Edward  
>  
> -----Original Message-----  
> From: Jake McGuire [mailto:jake@youtube.com]  
> Sent: Wednesday, May 17, 2006 11:24 AM  
> To: Edward Huang (RDMC)  
> Subject: Re: YouTube API first glance  
>  
>  
> Try logging into your account before clicking on the link. We are  
> fixing this issue.  
>  
> -jake  
>  
> On May 16, 2006, at 8:12 PM, Edward Huang ((RDMC)) wrote:  
>  
>> http://www.youtube.com/user\_api\_auth?  
>> pre\_token=aqsRo9JYx5M&dev\_id=89u9MuxrKpc  
>>  
>>  
>> -----Original Message-----  
>> From: Jake McGuire [mailto:jake@youtube.com]  
>> Sent: Wednesday, May 17, 2006 11:11 AM  
>> To: Edward Huang (RDMC)  
>> Subject: Re: YouTube API first glance  
>>  
>>  
>> Can you copy and past the exact url you are trying to go to?  
>>  
>> -jake  
>> On May 16, 2006, at 8:05 PM, Edward Huang ((RDMC)) wrote:  
>>  
>>> Hi,  
>>>  
>>> I can get pre\_token by 1)  
>>>  
>>> But  
>>>  
>>> 2) Have the user authenticate that pre\_token  
>>>> a) http://www.youtube.com/user\_api\_auth?  
>>>> pre\_token=<pre\_token>&dev\_id=<dev\_id>  
>>>  
>>> I got the response is Internal Server Error.  
>>> Even I manually key in by IE, I got the same result  
>>>  
>>> Please help thanks!  
>>>  
>>>  
>>> Edward  
>>>  
>>> -----Original Message-----  
>>> From: Jake McGuire [mailto:jake@youtube.com]  
>>> Sent: Tuesday, May 16, 2006 6:39 PM  
>>> To: Edward Huang (RDMC)  
>>> Subject: Re: YouTube API first glance  
>>>  
>>>  
>>> Hello. Yes, this is a bug on our side - it's actually my fault.

>>>  
>>> I tried to create a profile for you directly. Try the page now.  
>>>  
>>> -jake  
>>>  
>>> On May 16, 2006, at 3:23 AM, Edward Huang ((RDMC)) wrote:  
>>>  
>>>> Dear Jake,  
>>>>  
>>>> I can't pass [http://www.youtube.com/my\\_profile\\_dev](http://www.youtube.com/my_profile_dev)  
>>>> After I fill these fields, I always get "The page cannot be  
>>>> displayed".  
>>>>  
>>>> So I can't get the dev\_id, too.  
>>>>  
>>>>  
>>>> Edward  
>>>>  
>>>>  
>>>> -----Original Message-----  
>>>> From: Dennis Hsiao (RDMC)  
>>>> Sent: Tuesday, May 16, 2006 5:57 PM  
>>>> To: 'Jake McGuire'; Edward Huang (RDMC)  
>>>> Cc: Steve Chen; Dunton Maryrose  
>>>> Subject: YouTube API first glance  
>>>>  
>>>>  
>>>> Jake,  
>>>> Thanks. We'll take a look and get back to you when we have any  
>>>> result.  
>>>>  
>>>> Thanks,  
>>>> dennis  
>>>>  
>>>> -----Original Message-----  
>>>> From: Jake McGuire [mailto:jake@youtube.com]  
>>>> Sent: Tuesday, May 16, 2006 4:49 PM  
>>>> To: Dennis Hsiao (RDMC)  
>>>> Cc: Steve Chen; Dunton Maryrose  
>>>> Subject: Re: CyberLink Integration  
>>>>  
>>>> OK.  
>>>>  
>>>> Sample code in Python is attached.  
>>>>  
>>>> The developer documentation is not up on the web site, so I've  
>>>> attached some information below.  
>>>>  
>>>> 1) First, you will need to create a developer account.  
>>>> a) log into [www.youtube.com](http://www.youtube.com) (you may need to sign up first)  
>>>> b) go to [http://www.youtube.com/my\\_profile\\_dev](http://www.youtube.com/my_profile_dev) and fill out the  
>>>> relevant fields.  
>>>>  
>>>> 2) <http://www.youtube.com/dev> has links to how to use the API,  
>>>> including both REST and XML-RPC. Right now, the final upload  
>>>> step is  
>>>> only supported via REST, and the sample code is also REST, but XML-  
>>>> RPC should work.

```

>>>>
>>>> Here are the steps needed to upload a video to youtube.com -
>>>> detailed
>>>> function documentation is further down.
>>>>
>>>> 1) Get a pre_token from the API for a particular user.
>>>> a) make a signed call to youtube.auth.get_pre_token(dev_id,
>>>> username, signature)
>>>> b) get pre_token id at 'pre_token/id'
>>>> 2) Have the user authenticate that pre_token
>>>> a) http://www.youtube.com/user_api_auth?
>>>> pre_token=<pre_token>&dev_id=<dev_id>
>>>> 3) Get an auth_token from that pre_token
>>>> a) make a signed call to youtube.auth.get_auth_token(dev_id,
>>>> pre_token, signature)
>>>> b) get auth_token id at 'auth_token/id'
>>>> 4) Get the list of all current video categories
>>>> a) make a call to youtube.videos.get_categories(dev_id)
>>>> b) get responses at 'category/name' and 'category/id'
>>>> 5) Start the upload, to verify fields and get the URL to finish the
>>>> upload.
>>>> a) make a signed call to youtube.videos.start_upload(dev_id,
>>>> auth_token, video_title, video_description, video_tags,
>>>> video_category, signature)
>>>> b) get url from response at 'upload_info/url'
>>>> 6) Make the finish_upload call
>>>> a) must be REST call to the URL from 5b above, and must be
>>>> multipart encoded like normal HTTP POST requests with file upload
>>>> b) make a signed call to youtube.videos.finish_upload(dev_id,
>>>> auth_token, video_title, video_description, video_tags,
>>>> video_category, field_uploadfile, signature)
>>>> c) get video_id from 'video/id'. Can direct user to http://
>>>> www.youtube.com/my_videos_edit?video_id=<video_id> to edit the
>>>> video
>>>>
>>>>
>>>> Function definitions (the authentication stuff to get you started)
>>>>
>>>> youtube.auth.get_pre_token:
>>>> dev_id: your developer id, from youtube.com/my_profile_dev
>>>> username: the user you wish to authenticate against
>>>> signature: the MD5 signature of the arguments to this call
>>>> returns:
>>>> <ut_response status="ok">
>>>>     <pre_token>
>>>>         <id>ZUhUjN8MMfo</id>
>>>>     </pre_token>
>>>> </ut_response>
>>>> notes: defaults to requesting write permission. in the future
>>>> will be able to request read-only.
>>>>
>>>> youtube.auth.get_auth_token
>>>> dev_id: your developer id, from youtube.com/my_profile_dev
>>>> pre_token: the pre-token id from the above call, AFTER THE USER
>>>> HAS AUTHENTICATED IT
>>>> signature: the MD5 signature of the arguments to this call
>>>> returns:
>>>> <ut_response status="ok">

```

```

>>>>     <auth_token>
>>>>         <token>XgM4c0oGu94</token>
>>>>         <perms>R</perms>
>>>>         <user>
>>>>             <id>qDMcR12ZQ8I</id>
>>>>             <username>jake</username>
>>>>         </user>
>>>>     </auth_token>
>>>> </ut_response>
>>>>
>>>> youtube.users.add_user_comment
>>>> dev_id: your developer id, from youtube.com/my_profile_dev
>>>> auth_token: the auth_token from the above call
>>>> comment: the text of the comment to add
>>>> profile_username: the user to post the comment to
>>>> signature: the MD5 signature of the arguments to this call
>>>> returns:
>>>> <ut_response status="ok"/>
>>>>
>>>> I will send the method descriptions for the video uploads tomorrow,
>>>> but this should be enough for you to start testing.
>>>>
>>>> The sample code below is our test harness. It's not the
>>>> clearest in
>>>> the world, for which I apologize, and it's also not C++, for
>>>> which I
>>>> also apologize. But it should show you the calls that get made.
>>>> More clear sample code will be forthcoming eventually, but as the
>>>> first people to develop against this API you are breaking new
>>>> ground.
>>>>
>>>> This correspondence is from Cyberlink Corp. and is intended only
>>>> for use by the recipient named herein, and may contain privileged,
>>>> proprietary and/or confidential information, and is intended only
>>>> to be seen and used by named addressee(s). You are notified that
>>>> any discussion, dissemination, distribution or copying of this
>>>> correspondence and any attachments, is strictly prohibited, unless
>>>> otherwise authorized or consented to in writing by the sender. If
>>>> you have received this correspondence in error, please notify the
>>>> sender immediately, and please permanently delete the original and
>>>> any copies of it and any attachment and destroy any related
>>>> printouts without reading or copying them.
>>>>
>>>> This correspondence is from Cyberlink Corp. and is intended only
>>>> for use by the recipient named herein, and may contain privileged,
>>>> proprietary and/or confidential information, and is intended only
>>>> to be seen and used by named addressee(s). You are notified that
>>>> any discussion, dissemination, distribution or copying of this
>>>> correspondence and any attachments, is strictly prohibited, unless
>>>> otherwise authorized or consented to in writing by the sender. If
>>>> you have received this correspondence in error, please notify the
>>>> sender immediately, and please permanently delete the original and
>>>> any copies of it and any attachment and destroy any related
>>>> printouts without reading or copying them.
>>>>
>>>> This correspondence is from Cyberlink Corp. and is intended only
>>>> for use by the recipient named herein, and may contain privileged,
>>>> proprietary and/or confidential information, and is intended only

```

>> to be seen and used by named addressee(s). You are notified that  
>> any discussion, dissemination, distribution or copying of this  
>> correspondence and any attachments, is strictly prohibited, unless  
>> otherwise authorized or consented to in writing by the sender. If  
>> you have received this correspondence in error, please notify the  
>> sender immediately, and please permanently delete the original and  
>> any copies of it and any attachment and destroy any related  
>> printouts without reading or copying them.

>  
> This correspondence is from Cyberlink Corp. and is intended only  
> for use by the recipient named herein, and may contain privileged,  
> proprietary and/or confidential information, and is intended only  
> to be seen and used by named addressee(s). You are notified that  
> any discussion, dissemination, distribution or copying of this  
> correspondence and any attachments, is strictly prohibited, unless  
> otherwise authorized or consented to in writing by the sender. If  
> you have received this correspondence in error, please notify the  
> sender immediately, and please permanently delete the original and  
> any copies of it and any attachment and destroy any related  
> printouts without reading or copying them.

This correspondence is from Cyberlink Corp. and is intended only for use by the recipient named herein, and may contain privileged, proprietary and/or confidential information, and is intended only to be seen and used by named addressee(s). You are notified that any discussion, dissemination, distribution or copying of this correspondence and any attachments, is strictly prohibited, unless otherwise authorized or consented to in writing by the sender. If you have received this correspondence in error, please notify the sender immediately, and please permanently delete the original and any copies of it and any attachment and destroy any related printouts without reading or copying them.

---