

MIT VMS Web Service

Data Collaborative
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Controller is <http://vps1.datacollaborative.com/clients/mit-vms/actions.php>
Query parameter *?action=name-of-action*

Test page: <http://vps1.datacollaborative.com/clients/mit-vms/test.html>
“View source” to see related javascript exercising the controller.

Actions

?action=authenticate

Summary: authenticate a username and password, return a ticket which is valid for this session.

Method=POST

Additional parameters: client should send username= and password= in the POST

Returns ticket, first name, and last name only if authentication succeeds. Password is case sensitive, username is not.

Response:

```
<response>
  <errorcode>0</errorcode>
  <errortext>No error</errortext>
  <action>authenticate</action>
  <ticket>some character string</ticket>
  <firstname>user's first name</firstname>
  <lastname>user's last name</lastname>
</response>
```

For testing use “test” as username and password.

?action=getuserinfo

Summary: return additional info about the user.

Method=GET

Additional parameters:

&ticket=*the-ticket-returned-by-authenticate*

Response:

```
<response>
  <errorcode>0</errorcode>
  <errortext>No error</errortext>
  <action>getuserinfo</action>
  <username>the user name from login</username>
  <general-dropbox>url for general dropbox</general-dropbox>
  <ventures>
    <venture>
      <name>name of first venture</name>
      <dropbox>
        fully qualified url
        dropbox location venture 1
      </dropbox>
    </venture>
    <venture>
      <name>name of 2nd venture</name>
      <dropbox>
        fully qualified url
        dropbox location venture 1
      </dropbox>
    </venture>
    and so on...
  </ventures>
</response>
```

?action=resetpassword

Summary: generate an email to the user with instructions and link for changing password

Method=GET

Additional parameters:

&username=*which user to reset*

Response:

```
<response>
  <errorcode>0</errorcode>
```

```
    <errortext>No error</errortext>
    <action>resetpassword</action>
</response>
```

?action=getcalendar

Summary: return calendar entries for specified date range

Method=GET

Additional parameters:

&ticket=*the-ticket-returned-by-authenticate*

&start=yyyy-mm-dd. Defaults to today+60 days if not specified.

&end=yyyy-mm-dd. If not specified, the web service will return all future calendar events..

Response:

```
<response>
  <errorcode>0</errorcode>
  <errortext>No error</errortext>
  <action>getcalendar</action>
  <events>
    <event>
      <date>yyyy-mm-dd</date>
      <start>hh:mm</start>
      <end>hh:mm</end>
      <title>a title for this event</title>
      <description>some description</description>
      <location>some location</location>
      <type>meeting type incl leading (XX)</type>
      <color>a color such as blue or #0000ff</color>
      <allday>1 if all day, 0 otherwise</allday>
    </event>
    <event>
      another event...
    </event>
  </events>
</response>
```

?action=getannouncements

Summary: return currently active announcements

Method=GET

Additional parameters:

&ticket=*the-ticket-returned-by-authenticate*

Response:

```
<response>
  <errorcode>0</errorcode>
  <errortext>No error</errortext>
  <action>getannouncements</action>
  <announcements>
    <announcement>
      <alwaysontop>1|0</alwaysontop>
      <date>yyyy-mm-dd</date>
      <publish-on>yyyy-mm-dd</publish-on>
      <publish-until>yyyy-mm-dd</publish-until>
      <title>a title for this announcement</title>
      <content>some html content for this
        announcement</content>
    </announcement>
    <announcement>
      another announcement...
    </announcement>
  </announcements>
</response>
```

?action=getlinks

Summary: return a set of links

Method=GET

Additional parameters:

&ticket=*the-ticket-returned-by-authenticate*

Response:

```
<response>
  <errorcode>0</errorcode>
  <errortext>No error</errortext>
  <action>getlinks</action>
  <links>
    <link>
      <sequence>a number: 1,2,3,...</sequence>
      <title>a title for this link</title>
      <url>http://www.url-for-this-link.com</url>
    </link>
    <link>
      another link...
    </link>
  </links>
```

</response>