

## Maintenance - Bug #9210

<https://cmsjobmon.fnal.gov/DataViewerAdmin/filesearch> failed

06/15/2015 11:15 AM - Chih-Hao Huang

<b>Status:</b>	Resolved	<b>Start date:</b>	06/15/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	06/22/2015
<b>Assignee:</b>	Chih-Hao Huang	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	8.00 hours
<b>Target version:</b>		<b>Spent time:</b>	5.00 hours

### Description

<type 'exceptions.AttributeError'> at /filesearch  
'str' object has no attribute 'username'

Python /var/www/html/DataViewerAdmin/templates/filesearch.html in *template*, line 265

Web GET <https://cmsjobmon.fnal.gov/DataViewerAdmin/filesearch>

Traceback (innermost first)

```
/var/www/html/DataViewerAdmin/templates/filesearch.html in template
    &lt;td&gt;$ids.username&lt;/td&gt; ...
  ▶ Local vars
  /usr/lib/python2.6/site-packages/web.py-0.37-py2.6.egg/web/template.py in template
      return self._base(t(*a, **kw)) ...
  ▶ Local vars
  /var/www/html/DataViewerAdmin/todo.py in GET
      return render.filesearch(web.ctx.get('environ', {}).get('REMOTE_USER', None), files
earch, form) ...
  ▶ Local vars
  /usr/lib/python2.6/site-packages/web.py-0.37-py2.6.egg/web/application.py in handle_class
      return tocall(*args) ...
  ▶ Local vars
  /usr/lib/python2.6/site-packages/web.py-0.37-py2.6.egg/web/application.py in _delegate
      return handle_class(cls) ...
  ▶ Local vars
  /usr/lib/python2.6/site-packages/web.py-0.37-py2.6.egg/web/application.py in handle
      return self._delegate(fn, self.fvars, args) ...
  ▶ Local vars
  /usr/lib/python2.6/site-packages/web.py-0.37-py2.6.egg/web/application.py in process
      return self.handle() ...
  ▶ Local vars
```

Response so far

HEADERS

Variable Value

Content-Type

'text/html; charset=utf-8'

BODY

Request information

INPUT

No data.

COOKIES

Variable Value

*\_utma*

'142164453.1224400359.1355981943.1433867406.1434146013.4363'

*\_utmz*

'142164453.1404225640.3585.4.utmcsr=google|utmccn=(organic)|utmcmd=organic|utmctr=(not provided)'

*ga*

'GA1.2.1224400359.1355981943'

META

Variable Value

*app\_stack*

[<web.application.application instance at 0x7f7c9b04d170>]

fullpath  
u'/filesearch'  
headers  
[('Content-Type', 'text/html; charset=utf-8')]  
home  
u'https://cmsjobmon.fnal.gov/DataViewerAdmin'  
homedomain  
u'https://cmsjobmon.fnal.gov'  
homepath  
u'/DataViewerAdmin'  
host  
u'cmsjobmon.fnal.gov'  
ip  
u'131.225.86.101'  
method  
u'GET'  
output  
u"  
path  
u'/filesearch'  
protocol  
u'https'  
query  
u"  
realhome  
u'https://cmsjobmon.fnal.gov/DataViewerAdmin'  
status  
'200 OK'  
ENVIRONMENT  
Variable Value  
AUTH\_TYPE  
'Basic'  
DOCUMENT\_ROOT  
'/var/www/html'  
GATEWAY\_INTERFACE  
'CGI/1.1'  
HTTPS  
'1'  
HTTP\_ACCEPT  
'text/html,application/xhtml+xml,application/xml;q=0.9,\*/\*;q=0.8'  
HTTP\_ACCEPT\_ENCODING  
'gzip, deflate'  
HTTP\_ACCEPT\_LANGUAGE  
'en-US,en;q=0.5'  
HTTP\_CONNECTION  
'keep-alive'  
HTTP\_COOKIE  
'\_utma=142164453.1224400359.1355981943.1433867406.1434146013.4363;  
\_\_utmoz=142164453.1404225640.3585.4.utmcsr=google|utmccn=(organic)|utmcmd=organic|utmctr=(not%20provided);  
\_\_ga=GA1.2.1224400359.1355981943'  
HTTP\_HOST  
'cmsjobmon.fnal.gov'  
HTTP\_USER\_AGENT  
'Mozilla/5.0 (Macintosh; Intel Mac OS X 10.9; rv:38.0) Gecko/20100101 Firefox/38.0'  
PATH\_INFO  
'/filesearch'  
PATH\_TRANSLATED  
'/var/www/html/filesearch'  
QUERY\_STRING  
"  
REMOTE\_ADDR  
'131.225.86.101'  
REMOTE\_PORT  
'49667'  
REMOTE\_USER  
'/DC=ch/DC=cern/OU=Organic Units/OU=Users/CN=huangch/CN=677770/CN=Chih-Hao Huang'  
REQUEST\_METHOD



nunbAoEkXj69y7MsvCjWXB7o9HdBaS9FL+ZtXTKCyXI+XLfseYQoQburKr+eTcRed\nkLJnJ4tRF1799PO69wIDAQABo4IEUDCCBE  
wwEAYJKwYBBAGCNxUBBAMCAQAwHQYD\nVR0OBBYEfKWg/WZY/bndeugynZ+j0eVQGJtNMIIBLQYDVR0gBIBBJDCCASAwg  
gEc\nBgorBgEEAWAKBAEBMIIBDDCBvgYIKwYBBQUHAgLwgbEega4AQwBFAFIATgAgAEcA\ncgBpAGQAIABDAGUAQcB0AGkAZ  
gBpAGMAYQB0AGkAbwBuACAAQQB1AHQAaABvAHIA\naQB0AHkAIBDAGUAQcB0AGkAZgBpAGMAYQB0AGUAIBQAG8AbA  
BpAGMAEQAgAGEA\nnbgBkACAAQwBIAHIAAdABpAGYAAQBJAGEAdABIACAAUAbYAGEAYwB0AGkAYwBIACAA\nnUwB0AGEAdAB  
IAG0AZQBwAHQwSQYIKwYBBQUHAgEWPWh0dHA6Ly9jYWZpbGVzLmNl\ncm4uY2VgY2FmaWxscy9jcC1jCHMvY2Vybi1ncmlkLW  
NhlWnWLNWwcy5wZGyWgQYJ\nnKwYBBAGCNxQCBaAwEgBTAHUAQYgBDAEEwCwYDVR0PBAQDAgGGMA8GA1UdEwEB/wQF  
\nMAMBAf8wHwYDVR0jBBgwFoAU+nv73psNo/JSt2ztWw8Loqam+AQwggFEBgNVHR8E\nnggE7MIIBNzCCATOGggEvoIIBK4ZSaH  
R0cDovL2NhZmlsZXMuY2Vybi5jaC9jYWZp\nnbGVzL2NybC9DRVJOJTIwUm9vdCUyMENlcnRpZmljYXRpb24IMjBBDXR0b3JpdHk\nnMjA  
yLmNyblab1GxkYXA6Ly8vQ049Q0VSTiUyMFJvb3QIMjBDZXJ0aWZpY2F0aW9u\nnJTlWQXV0aG9yaXR5JTlWMixDTj1DRVJOU  
EtJk9PVDAYLENOPUNEUCxDTj1QdWJ\ns\naWMIMjBLZXkIMjBTZXJ2aWNlcyxDTj1TZXJ2aWNlcyxDTj1Db25maWd1cmF0aW9u\nn  
LERDPWNlcm4sREM9Y2g/Y2VydGlmawWnhdGVSZXXZvY2F0aW9uTGlzZD9iYXNIP29i\nnamVjdENsYXNzPWNSTERpc3RyaWJ1dGI  
vblBvaW50MIIBRAYIKwYBBQUHAQEegE2\nnMIIBMjBnBggrBgEFBQcwAoZbaHR0cDovL2NhZmlsZXMuY2Vybi5jaC9jYWZpbGVz  
\nL2NlcnRpZmljYXRlcY9DRVJOJTIwUm9vdCUyMENlcnRpZmljYXRpb24IMjBBDXR0\nnb3JpdHkIMjA  
yLmNydDCBxgYIKwYBBQUHM  
AKGgblsZGFwOi8vL0NOPUNFUk4IMjBS\nnb290JTIwQ2VydGlmawWnhdGlvbiUyMEF1dGhvcml0eSUyMDIsQ049QUIBLENOPVB1\nn  
YmXpYyUyMETtleSUyMFNlcnZpY2VzLENOPVNlcnZpY2VzLENOPUNvbmZpZ3VyYXRp\nnb24sREM9Y2VybiEQz1jaD9jQUJlcnRpZ  
mljYXRIP2Jhc2U/b2JqZWNOQ2xhc3M9\nnY2VydGlmawWnhdGlvbkF1dGhvcml0eTANBgkqhkiG9w0BAQ0FAAOCAGEAQjzXhTV8\n\nnd+  
6HaLqSnp7k9whxK6E75BZQJNR2Q/rslhhwjs6nekBjb+JPgmM6M0a7ra+D1O\ni\nn4wKaWiCvU9yleZZSqfEkRl7WK9trRYXHqkqVSNm  
wNjNsediqioBBDHn/ZMnyc25ZnOLbM+99Z+awvoMbyPy0moUrR7ZqKi3C02N2mkidO0m3bYnXKwxDUvka5n06oL\nn\nl\nnYSZfwFNJ7IEvSSf4mEzdDeQI+A+87+deb5XOTXee8i1ZUyl08Cg6tuZ8W6NdvY7t\n+n5iNxRmZJ6DBVwrvXutz0JSqkIBCw267osEpX0AKGSL9fE2yGIWBX8WfDLB43IVE\nnz/HP7kQwYEmsfnfT2yTLzkMJHSeR0Zymm/oB3amZziKex4kGk+/v7yV1pSYKJce\n\nn9QDZE+LYio/ndz01sejMPS87prYJqnl5hDYUjg9F1CoaejhjOlpmCU/10wyEVN0\n\nnnhSP9Wc5z0+lhzU5C1A9r1gXQMucA2e7Cv5wv+r9dS+12Uly52jwmYf8mm6H0ZY\n\nnLZQbvMayHebD4WCnB7HNdp2Va4z5JrLvwG3J1EXfTjWiPhqOweevOg0rc6t2yhkM\n\nniB9RXMIFoFzbsuE/4Z4Hd0GQcDijcnWJ/VbT15OD2C16yyBiLvu88nXX1gKuOzXL\n\nnvu4cw9FOuQZ0147y9KPelpUT/SO+nrePzVs=\n\n-----END CERTIFICATE-----\n'\nSSL\_SERVER\_CERT

'-----BEGIN  
CERTIFICATE-----\nMIIFoJCCBCKgAwIBAgIQaIBDfmAS5NLYXrg339GTDDANBqkqhkiG9w0BAQsFADBp\nnMRMwEQYKCZIMIzPyLGQBGrydy29tMR0wGwYKCZIMIzPyLGQBGryNRGlnaUNlcnQt\n\nnR3JpZDEWMBQGA1UEChMNRGlnaUNlcnQgR3JpZDEbMBkGA1UEAxMSRGlmaUNlcnQg\n\nnR3JpZCBQDS0xMB4XDTE1MDIwOTAwMDAwMFoXDTE2MDMxOTEyMDAwMFowYUxkYXNzP  
WJlcnR3JpZDEbMBkGA1UEAxlzZm9udC9DRVJOJTIwUm9vdCUyMENlcnRpZmljYXRp  
b24IMjBBDXR0b3JpdHkIMjA  
yLmNydDCBxgYIKwYBBQUHM  
AKGgblsZGFwOi8vL0NOPUNFUk4IMjBS\nnb290JTIwQ2VydGlmawWnhdGlvbiUyMEF1dGhvcml0eSUyMDIsQ049QUIBLENOPVB1\nn  
YmXpYyUyMETtleSUyMFNlcnZpY2VzLENOPVNlcnZpY2VzLENOPUNvbmZpZ3VyYXRp\nnb24sREM9Y2VybiEQz1jaD9jQUJlcnRpZ  
mljYXRIP2Jhc2U/b2JqZWNOQ2xhc3M9\n\nnY2VydGlmawWnhdGlvbkF1dGhvcml0eTANBgkqhkiG9w0BAQ0FAAOCAGEAQjzXhTV8\n\nnd+  
6HaLqSnp7k9whxK6E75BZQJNR2Q/rslhhwjs6nekBjb+JPgmM6M0a7ra+D1O\ni\nn4wKaWiCvU9yleZZSqfEkRl7WK9trRYXHqkqVSNm  
wNjNsediqioBBDHn/ZMnyc25ZnOLbM+99Z+awvoMbyPy0moUrR7ZqKi3C02N2mkidO0m3bYnXKwxDUvka5n06oL\nn\nl\nnYSZfwFNJ7IEvSSf4mEzdDeQI+A+87+deb5XOTXee8i1ZUyl08Cg6tuZ8W6NdvY7t\n+n5iNxRmZJ6DBVwrvXutz0JSqkIBCw267osEpX0AKGSL9fE2yGIWBX8WfDLB43IVE\nnz/HP7kQwYEmsfnfT2yTLzkMJHSeR0Zymm/oB3amZziKex4kGk+/v7yV1pSYKJce\n\nn9QDZE+LYio/ndz01sejMPS87prYJqnl5hDYUjg9F1CoaejhjOlpmCU/10wyEVN0\n\nnnhSP9Wc5z0+lhzU5C1A9r1gXQMucA2e7Cv5wv+r9dS+12Uly52jwmYf8mm6H0ZY\n\nnLZQbvMayHebD4WCnB7HNdp2Va4z5JrLvwG3J1EXfTjWiPhqOweevOg0rc6t2yhkM\n\nniB9RXMIFoFzbsuE/4Z4Hd0GQcDijcnWJ/VbT15OD2C16yyBiLvu88nXX1gKuOzXL\n\nnvu4cw9FOuQZ0147y9KPelpUT/SO+nrePzVs=\n\n-----END CERTIFICATE-----\n'\nSSL\_TLS\_SNI

'cmsjobmon.fnal.gov'  
mod\_ssl.is\_https  
<built-in method ssl\_is\_https of mod\_wsgi.Adapter object at 0x7f7c9abe18a0>  
mod\_ssl.var\_lookup  
<built-in method ssl\_var\_lookup of mod\_wsgi.Adapter object at 0x7f7c9abe18a0>  
mod\_wsgi.application\_group  
'cmsgsrv163.fnal.gov/datavieweradmin'  
mod\_wsgi.callable\_object  
'application'  
mod\_wsgi.handler\_script  
"  
mod\_wsgi.input\_chunked  
'0'  
mod\_wsgi.listener\_host  
"  
mod\_wsgi.listener\_port  
'443'  
mod\_wsgi.process\_group  
"  
mod\_wsgi.request\_handler

```
'wsgi-script'
mod_wsgi.script_reloading
'1'
mod_wsgi.version
(3, 2)
wsgi.errors
<mod_wsgi.Log object at 0x7f7c9b0532b0>
wsgi.file_wrapper
<built-in method file_wrapper of mod_wsgi.Adapter object at 0x7f7c9abe18a0>
wsgi.input
<mod_wsgi.Input object at 0x7f7c9ad79470>
wsgi.multiprocess
True
wsgi.multithread
False
wsgi.run_once
False
wsgi.url_scheme
'https'
wsgi.version
(1, 1)
```

You're seeing this error because you have web.config.debug set to True. Set that to False if you don't want to see this.

**Related issues:**

Related to Maintenance - Task #9312: Find the data source for metadata databa... **Assigned** **06/29/2015** **07/13/2015**

**History**

**#1 - 06/15/2015 06:06 PM - Chih-Hao Huang**

The root cause of the is a missing (stopped) database on cmseos17. Since DataView was implemented using web.py (template in python) and DataTables-1.9.1, this connection was not obvious from httpd configuration nor \*.html (through jquery). It is hard coded in cmssrv163:/var/www/html/DataViewerAdmin/todo.py FileSearch queries three databases to gather file information for the users. It failed on the third one, which is on cmseos17, and returned no data for generating list.

The postgres database on cmseos17 has failed due to missing library for quite a while. Need to find a way to resurrect it.

**#2 - 06/15/2015 06:07 PM - Chih-Hao Huang**

- % Done changed from 0 to 40

**#3 - 06/27/2015 10:13 AM - Chih-Hao Huang**

- Status changed from New to Resolved  
- % Done changed from 40 to 100

The database failed to start due to wrong configuration parameter. Once it was corrected, it starts. However, this only resolves the broken issue of filesearch mechanism. Need to find who actually updates that database. That will be in another task.

**#4 - 06/27/2015 10:18 AM - Chih-Hao Huang**

- Related to Task #9312: Find the data source for metadata database on cmseos17 added