
Installation of PachydermInstaller-2.1beta3.jar

Posted by pastori - 2010/05/07 15:26

HI SCOTT:

I downloaded the PachydermInstaller-2.1beta3.jar and installed it on my Windows 2003 server. The software works great. The problem I had with creating multiple users has been solved. I can now create users and log in with their IDs to my heart's content.

I had a couple of initial issues getting the login screen to work properly that were related to MySQL. The web server would not display the login page at all initially. It displayed a 404 error. This is because the table names in MySQL are case-sensitive. The table creation SQL scripts that are provided in the .jar create lowercase table names. However, the Pachyderm software expects uppercase table names for all tables except metadata2 and invitation. Modifying the install SQL scripts to create the correct case table names would give users a smoother installation experience.

Finally, I had two issues that were due to my setup of MySQL and my mail server. The login ID used for root access must be defined as a super user and have rights to the pachyderm database table before running the installer. The second issue was that my mail server on my Windows 2003 server had to have authentication set to anonymous instead of windows login because there are no credentials coming from Pachyderm for login.

I successfully created three presentations under different accounts and was able to publish them. I discovered that using the same account ID from multiple machines can cause errors if both try to publish around the same time. So I created multiple generic user IDs for our Special Collections folks and we are going to have them play with this version.

I currently have all the software set up on development machines for testing. MySQL is running on a separate Solaris x86 server, in its own zfs zone, from the web server and Pachyderm. The installation gui set this up without any problems. Good Job!

Thanks again to you and your team for all of the hard work in making this version of Pachyderm a reality.

=====

Re:Installation of PachydermInstaller-2.1beta3.jar

Posted by mspalti - 2010/05/12 13:48

Yes, the installer is still having problems with table names.

Caused by: Table 'pachyderm.APDEFAULT' doesn't exist at
com.mysql.jdbc.SQLException.createSQLException(SQLException.java:1026)

The table name created by the installer is lower case but the external table name in APDefault.plist is UPPER case. As you discovered, this applies to most tables created by the install.

=====

Re:Installation of PachydermInstaller-2.1beta3.jar

Posted by ssayre - 2010/05/12 14:06

Hi-

So are you installing with an existing MySQL database on Windows or did you set everything up from scratch? Which version of windows are you using? What version of MySQL?

We have had a few dozen successful installations on Windows without these issues, but the were all done on fresh DB installations.

Thank you for your help.

-Scott

=====

Re:Installation of PachydermInstaller-2.1beta3.jar

Posted by pastori - 2010/05/12 17:57

HI SCOTT:

I am running Pachyderm on a Windows 2003 Server version 5.2.3790, with Service Pack 2 Build 3790, and MySQL version 5.1.46 is running on a separate Solaris x86 server, in its own zfs zone.

User mspalti noted in this forum thread that he has the same problem with the sql table creations in the install script.

Hope this helps.

=====

Re:Installation of PachydermInstaller-2.1beta3.jar

Posted by mspalti - 2010/05/12 18:15

Hi Scott

I see now that this was a Windows server, but the problem is the same I run into every time on Linux. (In fact, I just tried the new installer on Redhat Linux and saw the error again.) I'm not an expert on mysql, but whether or not the OS file system is case sensitive does appear to matter. There might also be a config setting that causes mysql to be case-sensitive on a Windows system?

Anyway, for the record, I deleted the pachyderm table from mysql and started fresh on my Linux installation.

There's a simple fix. The script that initializes the database must use table names AND cases identical to the ones in the plist files -- and since that's not the case today, I go in after the installation and rename things. It would be great if we could get rid of that step by syncing things up in the installer.

Thanks!

Mike

=====

Re:Installation of PachydermInstaller-2.1beta3.jar

Posted by ssayre - 2010/05/13 09:37

Hi-

We had this case issue in the past with 2.0 and the very first beta of 2.1, but we thought we had it fixed.

A couple more questions.

- 1) Did you install over a past beta or 2.0 install of Pachyderm.
- 2) Confirming that you both used the 2.1.0.1R3 release?

Can you look in the database and tell me which tables are uppercase and which are lower? All should be lower case except one.

Thanks again for your assistance.

Best,
Scott

=====

Re:Installation of PachydermInstaller-2.1beta3.jar

Posted by mspalti - 2010/05/13 10:05

Scott,

Here are the tables:

```

+-----+
| Tables_in_pachyderm |
+-----+
| CUSTOM_DEFINITIONS |
| EO_PK_TABLE         |
| GROUPOBJECTJOIN    |
| GROUPELEMENTJOIN   |
| INVITATION          |
| MANAGED_OBJECT     |
| apdefault           |
| apgroup             |
| apperson            |
| attribute           |
| authmap             |
| authrecord          |
| compdescription_2_1 |
| component_2_1       |
| eo_pk_table         |
| metadata2           |
| presentation_2_1    |
| screen_2_1          |
+-----+
18 rows in set (0.00 sec)

```

The externalName in APDefaults.plist is:

```
externalName = APDEFAULT;
```

I'm going to install again to verify. The first intall I dropped the pachyderm table in mysql and removed the tomcat and application support directories but maybe I missed something. Let me know if there's something else I should do to make sure this is a fresh install.

Mike

Re:Installation of PachydermInstaller-2.1beta3.jar

Posted by pastori - 2010/05/13 10:54

HI SCOTT:

You emailed me the link to download the version mentioned in the subject line so I assume you sent me 2.1.0.1 which is what I installed. I wiped the previous copy of pachyderm 2.1 beta and the databases. So I did a fresh install on both.

I had to make the same table name changes in the last beta. When I look at the new .jar with a java decompiler program, it shows that the SQL will create lowercase table names. See Mike's (mspalti) posted table name list for the relevant information.

Thanks for your help.

Re:Installation of PachydermInstaller-2.1beta3.jar

Posted by mspalti - 2010/05/13 13:33

Second install attempt on Redhat Linux produced the same result. The letter cases in table names are not in sync.

The good news: other than table names the new installer works fine on Redhat Enterprise Linux.

I did run into one other issue that can probably be attributed to user error. The temporary directory was set to "/tmp" by either me or the installer. The result is pretty unforgiving. I can upload new media, search for media, see thumbnails, and embed in a presentation. But when I preview, the presentation hangs because the images aren't really available. Leaving the trailing slash out off the /tmp directory messes up the path to the transformation directory

("tmptransformation"). I was able to fix the configuration by updating APDefault.plist and the apdefault mysql table. It's an easy error to make (embarrassingly, the same thing happened to me during the last round of testing). And it's difficult to troubleshoot.

Best
Mike

=====

Re:Installation of PachydermInstaller-2.1beta3.jar

Posted by jmeija - 2010/05/25 11:30

where can I download the 2.1 beta installer?

thanks!

=====