

Metacat - Bug #7211

Metacat sets a wrong default value for the deploy path during the totally fresh installation

10/03/2017 09:01 AM - Jing Tao

Status:	Closed	Start date:	10/03/2017
Priority:	Normal	Due date:	
Assignee:	Jing Tao	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	2.8.6	Spent time:	0.00 hour
Bugzilla-Id:			
Description			
Matt reported: I've noticed that when run from scratch, the metacat /admin utility seems to tack the /webapps/metacat onto the deployDir property, and I always have to change it. SO I think that is an admin utility bug on a totally clean deployment (i.e., with no backup directory in place). so, this arises with clean deploys from docker and the like.			
Related issues:			
Has duplicate Metacat - Bug #7214: Metacat overwrites the deployDir property		Closed	10/04/2017

History

#1 - 10/04/2017 03:12 PM - Jing Tao

- File Screen Shot 2017-10-04 at 10.48.49 AM.png added

I can't reproduce the bug. In mn-demo-5, I removed/backed up /var/metacat directory. So during the configuration, I was asked to input the backup directory. I created the /var/metacat directory and input /var/metadadata/.metadadata as the backup directory. However, my configuration still showed the deploy directory is "/var/lib/tomcat7/webapps", there is no extra "metacat". Please see the attachment.

I also looked at code:

```
public static String discoverDeployDir(HttpServletRequest request) {
    ServletContext servletContext = request.getSession()
        .getServletContext();
    String realPath = servletContext.getRealPath(".");
    String contextPath = request.getContextPath();

    Pattern pattern = Pattern.compile(contextPath + "\\\\.?$");
    Matcher matcher = pattern.matcher(realPath);

    if (matcher.find()) {
        realPath = matcher.replaceFirst("");
    }
    return realPath;
}
```

This method guess the deploy directory base on the request object. It shouldn't have the extra "metacat" if the context value is correctly detected.

#2 - 10/04/2017 07:58 PM - Jing Tao

- Has duplicate Bug #7214: Metacat overwrites the deployDir property added

#3 - 10/12/2017 11:05 AM - Jing Tao

- Status changed from New to Closed

The issue turns out to be Tomcat 8 has change the format of current path.
In Tomcat 7, it was /opt/local/share/java/tomcat7/webapps/metacat/.
But in Tomcat 8, it is /opt/local/share/java/tomcat8/webapps/metacat
So the fancy pattern match doesn't work.

Since we just want to remove the context part, I used the old lastIndexOf and substring method in the String class. It worked well.

#4 - 10/12/2017 11:06 AM - Jing Tao

The fix has been committed to both 2.8 branch and trunk.

#5 - 12/08/2017 09:55 AM - Jing Tao

- Target version changed from 2.9.0 to 2.8.6

Files

Screen Shot 2017-10-04 at 10.48.49 AM.png	104 KB	10/04/2017	Jing Tao
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