

Infrastructure - Story #1147

Apache2 blocks escaped "/" in URL paths, although it should not (longstanding bug)

2010-12-10 19:19 - Rob Nahf

Status:	Closed	Start date:	2010-12-10
Priority:	High	Due date:	
Assignee:	Dave Vieglais	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	Sprint-2010.50		
Story Points:			
Description <p>Apache2 is supposed to allow escaped "/" (as %2F), with the AllowEncodedSlashes directive, but thorough research and testing shows that it does not. Opinion in technical forums offers solutions, but they do not work. The apache bug offers a patch for earlier versions, but nothing rolled into their product. Have to assume the bug is unresolved.</p> <p>Escaped slashes and backslashes in the URI query section do not get blocked, and log analysis shows the calls making it through mod_jk (the connector) to tomcat.</p> <p>The work needing to be done to implement this approach is: testing tomcat to make sure it can handle %5C and %2F (escaped backslash and slash) in query sections modifying the architecture documentation refactoring the cn_rest controller mapping logic refactoring d1_libclient_java refactoring d1_libclient_python refacotring mn products?</p>			
Subtasks: <p>Task # 1148: Test that tomcat does not block %2F and %5C in query sections</p>			
			Closed

History

#1 - 2010-12-13 17:08 - Rob Nahf

- Position set to 1

#2 - 2010-12-13 18:54 - Dave Vieglais

- Position deleted (29)

- Target version set to Sprint-2010.50

- Position set to 2

#3 - 2010-12-13 18:54 - Dave Vieglais

- Position set to 1

- Position deleted (2)

#4 - 2010-12-17 20:58 - Rob Nahf

retested apache settings, and found that putting the allowencodedslashes and acceptpathinfo in the cn virtualhost block solved the problem.

#5 - 2011-01-03 02:00 - Dave Vieglais

- Status changed from New to Closed

The RequestURI variable contains the original, undecoded (i.e. still percent encoded) full path. Servlets can parse this to retrieve the uncorrupted path information, and so also any REST parameters contained therein.

See [#1162](#)

Closing this as it should be resolved by the implementation described in [#1162](#).