

Item 275

git_comments:

git_commits:

1. **summary:** PHOENIX-4817 Fixed Phoenix Tracing Web Application (fixed check null, trace table name, webapp path, column names) and traceserver.py
message: PHOENIX-4817 Fixed Phoenix Tracing Web Application (fixed check null, trace table name, webapp path, column names) and traceserver.py Closes #311 Signed-off-by: Josh Elser
<elserj@apache.org>

github_issues:

github_issues_comments:

github_pulls:

1. **title:** PHOENIX-4817 Fixed Phoenix Tracing Web Application
body: Fixed check null, trace table name, webapp path, column names. Fixed traceserver.py
2. **title:** PHOENIX-4817 Fixed Phoenix Tracing Web Application
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label: code-design
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29. **title:** PHOENIX-4817 Fixed Phoenix Tracing Web Application
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github_pulls_comments:

- Fixed Phoenix Tracing Web Application, fixed traceserver.py
- traceserver.py start NO JSP Support for /, did not find org.apache.jasper.servlet.JspServlet ![2018-07-20 18-33-36](https://user-images.githubusercontent.com/8455464/42998108-a008041e-8c4b-11e8-8015-88bf9bee58c2.png) @MrSandmanRUS
- It's ok, just info message, try to open localhost:8864 @mygood
- Tracing List is ok but Trace Count Chart Graph Request URL: http://192.168.178.31:8864/trace/?action=getCount Request Method: GET Status Code: 500 Unknown tracename: description ![image](https://user-images.githubusercontent.com/8455464/42999258-a07728ea-8c4f-11e8-8110-75d6f5e95eae.png) see trace log ![image](https://user-images.githubusercontent.com/8455464/42999272-b426b518-8c4f-11e8-9491-f6df5af9f489.png) @MrSandmanRUS
- Can you show me your trace table? Column "description" is standard column of this table, if you start tracing via hbase-site.xml @mygood
- hbase-site.xml default SYSTEM.TRACING_STATS CREATE TABLE SYSTEM.TRACING_STATS (trace_id BIGINT NOT NULL, parent_id BIGINT NOT NULL, span_id BIGINT NOT NULL, description VARCHAR, start_time BIGINT, end_time BIGINT, hostname VARCHAR, tags.count SMALLINT, annotations.count SMALLINT, CONSTRAINT pk PRIMARY KEY (trace_id, parent_id, span_id)) Phoenix Tracing List ![image](https://user-images.githubusercontent.com/8455464/42999737-8c7c6cae-8c51-11e8-842d-334ffcf3b69e.png) Is it caused by this problem? NO JSP Support for /, did not find org.apache.jasper.servlet.JspServlet @MrSandmanRUS
- You use version from apache phoenix, I fixed this bug and some others, just compile my sources @mygood
- apache-phoenix-4.11.0-HBase-1.1-bin 、 hadoop-2.7.1 @MrSandmanRUS
- It's ok, clone my branch and compile only web application, then rename jars for your version, then replace it with web application phoenix jars @mygood
- Thank you very much for the problem. @MrSandmanRUS
- You use version from apache phoenix 、 hbase 、 hadoop @MrSandmanRUS
- Yes @mygood
- I have a problem that the data does not into SYSTEM.TRACING_STATS 0:
jdbc:phoenix:localhost:2181/hbase> trace on; +-----+ | trace_id | +-----+ |
2701156331755118993 | +-----+ 1 row selected (0.001 seconds) 0:
jdbc:phoenix:localhost:2181/hbase> upsert into T(a,b) values(2,2); 1 row affected (0.015 seconds) 0:
jdbc:phoenix:localhost:2181/hbase> trace off; +-----+ | trace_id | +-----+ |
2701156331755118993 | +-----+ 1 row selected (0.001 seconds) 0:
jdbc:phoenix:localhost:2181/hbase> trace off; +-----+ | trace_id | +-----+ +-----+ No rows
selected (0 seconds) 0: jdbc:phoenix:localhost:2181/hbase> select * from SYSTEM.TRACING_STATS
where trace_id=2701156331755118993; +-----+-----+-----+-----+-----+-----+
---+-----+-----+-----+ | TRACE_ID | PARENT_ID | SPAN_ID | DESCRIPTION | START_TIME

```
| END_TIME | HOSTNAME | COUNT | COUNT | +-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+ +-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+ No rows selected (0.109 seconds) 0: jdbc:phoenix:localhost:2181:/hbase>
select * from SYSTEM.TRACING_STATS; +-----+-----+-----+-----+-----+
+-----+-----+-----+-----+ | TRACE_ID | PARENT_ID | SPAN_ID | DESCRIPTION |
START_TIME | END_TIME | HOSTNAME | COUNT | COUNT | +-----+-----+-----+-----+
+-----+-----+-----+-----+ | 2 | 2 | 2 | upsert | 20180720 | 20180721 | host1 |
20 | 30 | | 3 | 3 | 3 | upsert | 20180720 | 20180721 | host1 | 10 | 30 | +-----+-----+-----+-----+
+-----+-----+-----+-----+ 2 rows selected (0.098 seconds)
```

@MrSandmanRUS

14. Add to hbase-site.xml: <property> <name>phoenix.trace.enabled</name> <value>true</value>
</property> @mygood

github_pulls_reviews:

1. Seems like `\$PHOENIX_OPTS` was dropped. Was this not being interpolated correctly? Is this environment variable propagated into the traceserver java process?
2. Suggest dropping `webappDirLocation` and just using `DEFAULT_WEBAPP_DIR_LOCATION` since this is not configurable anyways.
3. Import `org.apache.hadoop.conf.Configuration` please.
4. **body:** Parenthesis around `(!logic.equals(LOGIC_AND) && !logic.equals(LOGIC_OR))` are unnecessary, please drop them.
label: code-design
5. Fixed
6. Fixed
7. Fixed
8. <https://issues.apache.org/jira/browse/PHOENIX-2659> I think it's your comment: "Josh Elser added a comment - 12/Feb/16 03:23 ok, PHOENIX_OPTS isn't working because subprocess isn't popping a shell like sqlline does. It will automatically get added to PQS's environment already. We can just remove that. Steve is spot-on for the argument parsing. It's just busted." So, I just remove it.
9. All in all, when I remove it, the server successfully starts and works correctly.
10. **body:** The issue is that subprocess doesn't handle shell variable expansion "in the command". Subprocess has API to provide an environment to the process being run. `\$PHOENIX_OPTS` and `\$PHOENIX_TRACESERVER_OPTS` should be placed into the subprocess's environment, not just dropped.
label: code-design
11. Do I need to add something like this? `phoenix_opts= os.getenv('PHOENIX_OPTS', '') if hbase_env.has_key('PHOENIX_OPTS'): phoenix_opts= hbase_env['PHOENIX_OPTS'] java_cmd = '%(java)s ' + phoenix_opts + \`
12. Actually, looks like queryserver.py doesn't include `\$PHOENIX_OPTS` so let's just leave that to clients. `\$PHOENIX_TRACESERVER_OPTS` is inlined, so you're good. Sorry for the confusion.
13. Ok, thank you

jira_issues:

1. **summary:** Phoenix Tracing Web Application
description: # Phoenix Tracing Web Application can not be started, because traceserver.py does not contain required dependencies. # The path to the folder webapp is incorrectly specified, so Phoenix Tracing Web Application can not find this folder. # Phoenix Tracing Web Application does not check null value where it is needed, so the application can not load List, Dependency Tree and Features. # Phoenix Tracing Web Application creates a query with the wrong table column names. # Phoenix Tracing Web Application has only the default tracing-table name (SYSTEM.TRACING_STATS) and does not get tracing-table name via hbase-site.xml.
2. **summary:** Phoenix Tracing Web Application
description: # Phoenix Tracing Web Application can not be started, because traceserver.py does not contain required dependencies. # The path to the folder webapp is incorrectly specified, so Phoenix Tracing Web Application can not find this folder. # Phoenix Tracing Web Application does not check null value where it is needed, so the application can not load List, Dependency Tree and Features. # Phoenix Tracing Web Application creates a query with the wrong table column names. # Phoenix Tracing Web

Application has only the default tracing-table name (SYSTEM.TRACING_STATS) and does not get tracing-table name via hbase-site.xml.

3. **summary:** Phoenix Tracing Web Application

description: # Phoenix Tracing Web Application can not be started, because traceserver.py does not contain required dependencies. # The path to the folder webapp is incorrectly specified, so Phoenix Tracing Web Application can not find this folder. # Phoenix Tracing Web Application does not check null value where it is needed, so the application can not load List, Dependency Tree and Features. # Phoenix Tracing Web Application creates a query with the wrong table column names. # Phoenix Tracing Web Application has only the default tracing-table name (SYSTEM.TRACING_STATS) and does not get tracing-table name via hbase-site.xml.

4. **summary:** Phoenix Tracing Web Application

description: # Phoenix Tracing Web Application can not be started, because traceserver.py does not contain required dependencies. # The path to the folder webapp is incorrectly specified, so Phoenix Tracing Web Application can not find this folder. # Phoenix Tracing Web Application does not check null value where it is needed, so the application can not load List, Dependency Tree and Features. # Phoenix Tracing Web Application creates a query with the wrong table column names. # Phoenix Tracing Web Application has only the default tracing-table name (SYSTEM.TRACING_STATS) and does not get tracing-table name via hbase-site.xml.

jira_issues_comments:

1. Pull request: <https://github.com/apache/phoenix/pull/311>
2. Github user joshelser commented on a diff in the pull request:
https://github.com/apache/phoenix/pull/311#discussion_r203446437 --- Diff: phoenix-tracing-webapp/src/main/java/org/apache/phoenix/tracingwebapp/http/Main.java --- @@ -62,15 +63,18 @@
public int run(String[] arg0) throws Exception { final String home =
getConf().get(TRACE_SERVER_HTTP_JETTY_HOME_KEY, DEFAULT_HTTP_HOME); //setting up
the embedded server - ProtectionDomain domain = Main.class.getProtectionDomain(); - URL location =
domain.getCodeSource().getLocation(); - String webappDirLocation = location.toString().split("target")
[0] + "src/main/webapp"; + String webappDirLocation = DEFAULT_WEBAPP_DIR_LOCATION; ---
End diff -- Suggest dropping `webappDirLocation` and just using
`DEFAULT_WEBAPP_DIR_LOCATION` since this is not configurable anyways.
3. Github user joshelser commented on a diff in the pull request:
https://github.com/apache/phoenix/pull/311#discussion_r203446592 --- Diff: phoenix-tracing-webapp/src/main/java/org/apache/phoenix/tracingwebapp/http/TraceServlet.java --- @@ -42,14 +45,21
@@ private static Connection con; protected String DEFAULT_LIMIT = "25"; protected String
DEFAULT_COUNTBY = "hostname"; + protected String DEFAULT_DESCRIPTION = "description";
protected String LOGIC_AND = "AND"; protected String LOGIC_OR = "OR"; protected String
TRACING_TABLE = "SYSTEM.TRACING_STATS"; - + @Override + public void init() { +
org.apache.hadoop.conf.Configuration conf = HBaseConfiguration.create(); --- End diff -- Import
`org.apache.hadoop.conf.Configuration` please.
4. Github user joshelser commented on a diff in the pull request:
https://github.com/apache/phoenix/pull/311#discussion_r203445596 --- Diff: bin/traceserver.py --- @@
-116,8 +116,10 @@ # " -Xdebug -Xrunjdwp:transport=dt_socket,address=5005,server=y,suspend=n " + \
" -XX:+UnlockCommercialFeatures -XX:+FlightRecorder -
XX:FlightRecorderOptions=defaultrecording=true,dumponexit=true" + \
-java_cmd = "%(java)s
\$PHOENIX_OPTS ' + \ - '-cp ' + hbase_config_path + os.pathsep +
phoenix_utils.phoenix_traceserver_jar + os.pathsep + phoenix_utils.phoenix_client_jar + \
+java_cmd =
'%(java)s ' + \ --- End diff -- Seems like `\$PHOENIX_OPTS` was dropped. Was this not being
interpolated correctly? Is this environment variable propagated into the traceserver java process?
5. Github user joshelser commented on a diff in the pull request:
https://github.com/apache/phoenix/pull/311#discussion_r203447995 --- Diff: phoenix-tracing-webapp/src/main/java/org/apache/phoenix/tracingwebapp/http/TraceServlet.java --- @@ -98,33 +108,36
@@ protected String getCount(String countby) { if(countby == null) { countby =
DEFAULT_COUNTBY; } - // Throws exception if the column not present in the trace table. -
MetricInfo.getColumnname(countby.toLowerCase()); String sqlQuery = "SELECT "+countby+","
COUNT(*) AS count FROM " + TRACING_TABLE + " GROUP BY "+countby+" HAVING
COUNT(*) > 1 "; json = getResults(sqlQuery); return json; } //search the trace over parent id or trace id -
protected String searchTrace(String parentId, String traceId,String logic) { + protected String

- ```
searchTrace(String parentId, String traceId, String logic) { + String json = null; String query = null; //
Check the parent Id, trace id type or long or not. try { + if (parentId != null) { Long.parseLong(parentId);
+ } + if (traceId != null) { Long.parseLong(traceId); + } } catch (NumberFormatException e) { - throw
new RuntimeException("The passed parentId/traceId is not a number.", e); + throw new
RuntimeException("The passed parentId/traceId is not a number.", e); } - if(!logic.equals(LOGIC_AND)
|| !logic.equals(LOGIC_OR)) { - throw new RuntimeException("Wrong logical operator passed to the
query. Only "+ LOGIC_AND+" "+LOGIC_OR+" are allowed."); + if (logic != null &&
(!logic.equals(LOGIC_AND) && !logic.equals(LOGIC_OR))) { --- End diff -- Parenthesis around
`(!logic.equals(LOGIC_AND) && !logic.equals(LOGIC_OR))` are unnecessary, please drop them.
```
6. Github user MrSandmanRUS commented on a diff in the pull request:  
[https://github.com/apache/phoenix/pull/311#discussion\\_r203550218](https://github.com/apache/phoenix/pull/311#discussion_r203550218) --- Diff: phoenix-tracing-webapp/src/main/java/org/apache/phoenix/tracingwebapp/http/Main.java --- @@ -62,15 +63,18 @@  
public int run(String[] arg0) throws Exception { final String home =  
getConf().get(TRACE\_SERVER\_HTTP\_JETTY\_HOME\_KEY, DEFAULT\_HTTP\_HOME); //setting up  
the embedded server - ProtectionDomain domain = Main.class.getProtectionDomain(); - URL location =  
domain.getCodeSource().getLocation(); - String webappDirLocation = location.toString().split("target")  
[0] + "src/main/webapp"; + String webappDirLocation = DEFAULT\_WEBAPP\_DIR\_LOCATION; ---  
End diff -- Fixed
7. Github user MrSandmanRUS commented on a diff in the pull request:  
[https://github.com/apache/phoenix/pull/311#discussion\\_r203550254](https://github.com/apache/phoenix/pull/311#discussion_r203550254) --- Diff: phoenix-tracing-webapp/src/main/java/org/apache/phoenix/tracingwebapp/http/TraceServlet.java --- @@ -42,14 +45,21  
@@ private static Connection con; protected String DEFAULT\_LIMIT = "25"; protected String  
DEFAULT\_COUNTBY = "hostname"; + protected String DEFAULT\_DESCRIPTION = "description";  
protected String LOGIC\_AND = "AND"; protected String LOGIC\_OR = "OR"; protected String  
TRACING\_TABLE = "SYSTEM.TRACING\_STATS"; - + @Override + public void init() { +  
org.apache.hadoop.conf.Configuration conf = HBaseConfiguration.create(); --- End diff -- Fixed
8. Github user MrSandmanRUS commented on a diff in the pull request:  
[https://github.com/apache/phoenix/pull/311#discussion\\_r203550322](https://github.com/apache/phoenix/pull/311#discussion_r203550322) --- Diff: phoenix-tracing-webapp/src/main/java/org/apache/phoenix/tracingwebapp/http/TraceServlet.java --- @@ -98,33 +108,36  
@@ protected String getCount(String countby) { if(countby == null) { countby =  
DEFAULT\_COUNTBY; } - // Throws exception if the column not present in the trace table. -  
MetricInfo.getColumnName(countby.toLowerCase()); String sqlQuery = "SELECT "+countby+ "  
COUNT(\*) AS count FROM " + TRACING\_TABLE + " GROUP BY "+countby+" HAVING  
COUNT(\*) > 1 "; json = getResults(sqlQuery); return json; } //search the trace over parent id or trace id -  
protected String searchTrace(String parentId, String traceId, String logic) { + protected String  
searchTrace(String parentId, String traceId, String logic) { + String json = null; String query = null; //  
Check the parent Id, trace id type or long or not. try { + if (parentId != null) { Long.parseLong(parentId);  
+ } + if (traceId != null) { Long.parseLong(traceId); + } } catch (NumberFormatException e) { - throw  
new RuntimeException("The passed parentId/traceId is not a number.", e); + throw new  
RuntimeException("The passed parentId/traceId is not a number.", e); } - if(!logic.equals(LOGIC\_AND)  
|| !logic.equals(LOGIC\_OR)) { - throw new RuntimeException("Wrong logical operator passed to the  
query. Only "+ LOGIC\_AND+" "+LOGIC\_OR+" are allowed."); + if (logic != null &&  
(!logic.equals(LOGIC\_AND) && !logic.equals(LOGIC\_OR))) { --- End diff -- Fixed
9. Github user MrSandmanRUS commented on a diff in the pull request:  
[https://github.com/apache/phoenix/pull/311#discussion\\_r203552153](https://github.com/apache/phoenix/pull/311#discussion_r203552153) --- Diff: bin/traceserver.py --- @@  
-116,8 +116,10 @@ # " -Xdebug -Xrunjdwp:transport=dt\_socket,address=5005,server=y,suspend=n " + \  
# " -XX:+UnlockCommercialFeatures -XX:+FlightRecorder -  
XX:FlightRecorderOptions=defaultrecording=true,dumpsonexit=true" + \ -java\_cmd = "%(java)s  
\$PHOENIX\_OPTS ' + \ - '-cp ' + hbase\_config\_path + os.pathsep +  
phoenix\_utils.phoenix\_traceserver\_jar + os.pathsep + phoenix\_utils.phoenix\_client\_jar + \ +java\_cmd =  
'%(java)s ' + \ --- End diff -- <https://issues.apache.org/jira/browse/PHOENIX-2659> I think it's your  
comment: "Josh Elser added a comment - 12/Feb/16 03:23 ok, PHOENIX\_OPTS isn't working because  
subprocess isn't popping a shell like sqlline does. It will automatically get added to PQS's environment  
already. We can just remove that. Steve is spot-on for the argument parsing. It's just busted." So, I just  
delete it.
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[https://github.com/apache/phoenix/pull/311#discussion\\_r203552899](https://github.com/apache/phoenix/pull/311#discussion_r203552899) --- Diff: bin/traceserver.py --- @@  
-116,8 +116,10 @@ # " -Xdebug -Xrunjdwp:transport=dt\_socket,address=5005,server=y,suspend=n " + \  
# " -XX:+UnlockCommercialFeatures -XX:+FlightRecorder -

- XX:FlightRecorderOptions=defaultrecording=true,dumponexit=true" + \ -java\_cmd = "%(java)s \$PHOENIX\_OPTS ' + \ - '-cp ' + hbase\_config\_path + os.pathsep + phoenix\_utils.phoenix\_traceserver\_jar + os.pathsep + phoenix\_utils.phoenix\_client\_jar + \ +java\_cmd = "%(java)s ' + \ --- End diff -- All in all, the server successfully starts and works correctly.
11. Github user mygood commented on the issue: <https://github.com/apache/phoenix/pull/311> traceserver.py start NO JSP Support for /, did not find org.apache.jasper.servlet.JspServlet ![2018-07-20 18-33-36] (<https://user-images.githubusercontent.com/8455464/42998108-a008041e-8c4b-11e8-8015-88bf9bee58c2.png>)
  12. Github user MrSandmanRUS commented on the issue: <https://github.com/apache/phoenix/pull/311> mygood, add libs jackson-mapper-asl-{someVersion}.jar, jackson-core-asl-{someVersion}.jar, jackson-jaxrs-{someVersion}.jar, jackson-xc-{someVersion}.jar to your hadoop\_classpath
  13. Github user MrSandmanRUS commented on the issue: <https://github.com/apache/phoenix/pull/311> It's ok, just info message, try to open localhost:8864 @mygood
  14. Github user mygood commented on the issue: <https://github.com/apache/phoenix/pull/311> Tracing List is ok but Trace Count Chart Graph Request URL: <http://192.168.178.31:8864/trace/?action=getCount> Request Method: GET Status Code: 500 Unknown tracename: description ![image](<https://user-images.githubusercontent.com/8455464/42999258-a07728ea-8c4f-11e8-8110-75d6f5e95eae.png>) see trace log ![image](<https://user-images.githubusercontent.com/8455464/42999272-b426b518-8c4f-11e8-9491-f6df5af9f489.png>)
  15. Github user MrSandmanRUS commented on the issue: <https://github.com/apache/phoenix/pull/311> Can you show me your trace table? Column "description" is standard column of this table, if you start tracing via base-site.xml
  16. Github user mygood commented on the issue: <https://github.com/apache/phoenix/pull/311> CREATE TABLE SYSTEM.TRACING\_STATS ( trace\_id BIGINT NOT NULL, parent\_id BIGINT NOT NULL, span\_id BIGINT NOT NULL, description VARCHAR, start\_time BIGINT, end\_time BIGINT, hostname VARCHAR, tags.count SMALLINT, annotations.count SMALLINT, CONSTRAINT pk PRIMARY KEY (trace\_id, parent\_id, span\_id) ) Phoenix Tracing List ![image](<https://user-images.githubusercontent.com/8455464/42999737-8c7c6cae-8c51-11e8-842d-334ffcf3b69e.png>) Is it caused by this problem? NO JSP Support for /, did not find org.apache.jasper.servlet.JspServlet
  17. Github user MrSandmanRUS commented on the issue: <https://github.com/apache/phoenix/pull/311> You use version from apache phoenix, I fixed it back, just compile my sources @mygood
  18. Github user mygood commented on the issue: <https://github.com/apache/phoenix/pull/311> apache-phoenix-4.11.0-HBase-1.1-bin \ hadoop-2.7.1 @MrSandmanRUS
  19. Github user MrSandmanRUS commented on the issue: <https://github.com/apache/phoenix/pull/311> It's ok, clone my branch and compile only web application, then rename jar for your version
  20. Github user mygood commented on the issue: <https://github.com/apache/phoenix/pull/311> Thank you very much for the problem. @MrSandmanRUS
  21. Github user mygood commented on the issue: <https://github.com/apache/phoenix/pull/311> Hi @MrSandmanRUS I have a problem apache-phoenix-4.11.0-HBase-1.1-bin, hadoop-2.7.1 1.hbase-site.xml modification <property> <name>phoenix.trace.frequency</name> <value>always</value> </property> 2. Copy \$PHOENIX\_HOME/bin/hadoop-metrics2-hbase.properties to \$HBASE\_HOME/conf 3. The client writes data but SYSTEM.TRACING\_STATS has no data to write.
  22. Github user joshelser commented on a diff in the pull request: [https://github.com/apache/phoenix/pull/311#discussion\\_r204795871](https://github.com/apache/phoenix/pull/311#discussion_r204795871) --- Diff: bin/traceserver.py --- @@ -116,8 +116,10 @@ # " -Xdebug -Xrunjdw:transport=dt\_socket,address=5005,server=y,suspend=n " + \ # " -XX:+UnlockCommercialFeatures -XX:+FlightRecorder - XX:FlightRecorderOptions=defaultrecording=true,dumponexit=true" + \ -java\_cmd = "%(java)s \$PHOENIX\_OPTS ' + \ - '-cp ' + hbase\_config\_path + os.pathsep + phoenix\_utils.phoenix\_traceserver\_jar + os.pathsep + phoenix\_utils.phoenix\_client\_jar + \ +java\_cmd = "%(java)s ' + \ --- End diff -- The issue is that subprocess doesn't handle shell variable expansion "in the command". Subprocess has API to provide an environment to the process being run. ` \$PHOENIX\_OPTS` and ` \$PHOENIX\_TRACESERVER\_OPTS` should be placed into the subprocess's environment, not just dropped.
  23. Github user MrSandmanRUS commented on a diff in the pull request: [https://github.com/apache/phoenix/pull/311#discussion\\_r204807188](https://github.com/apache/phoenix/pull/311#discussion_r204807188) --- Diff: bin/traceserver.py --- @@ -116,8 +116,10 @@ # " -Xdebug -Xrunjdw:transport=dt\_socket,address=5005,server=y,suspend=n " + \ # " -XX:+UnlockCommercialFeatures -XX:+FlightRecorder - XX:FlightRecorderOptions=defaultrecording=true,dumponexit=true" + \ -java\_cmd = "%(java)s

- \$PHOENIX\_OPTS ' + \ - '-cp ' + hbase\_config\_path + os.pathsep + phoenix\_utils.phoenix\_traceserver\_jar + os.pathsep + phoenix\_utils.phoenix\_client\_jar + \ +java\_cmd = '%(java)s ' + \ --- End diff -- Do I need to add something like this? phoenix\_opts= os.getenv('PHOENIX\_OPTS', '') ..... if hbase\_env.has\_key('PHOENIX\_OPTS'): opts = hbase\_env['PHOENIX\_OPTS'] ..... java\_cmd = '%(java)s ' + phoenix\_opts + \ ....
24. Github user joshelser commented on a diff in the pull request: [https://github.com/apache/phoenix/pull/311#discussion\\_r204818876](https://github.com/apache/phoenix/pull/311#discussion_r204818876) --- Diff: bin/traceserver.py --- @@ -116,8 +116,10 @@ # " -Xdebug -Xrunjdw:transport=dt\_socket,address=5005,server=y,suspend=n " + \ # " -XX:+UnlockCommercialFeatures -XX:+FlightRecorder - XX:FlightRecorderOptions=defaultrecording=true,dumponexit=true" + \ -java\_cmd = '%(java)s \$PHOENIX\_OPTS ' + \ - '-cp ' + hbase\_config\_path + os.pathsep + phoenix\_utils.phoenix\_traceserver\_jar + os.pathsep + phoenix\_utils.phoenix\_client\_jar + \ +java\_cmd = '%(java)s ' + \ --- End diff -- Actually, looks like queryserver.py doesn't include ` \$PHOENIX\_OPTS ` so let's just leave that to clients. ` \$PHOENIX\_TRACESERVER\_OPTS ` is inlined, so you're good. Sorry for the confusion.
25. Github user MrSandmanRUS commented on a diff in the pull request: [https://github.com/apache/phoenix/pull/311#discussion\\_r204819321](https://github.com/apache/phoenix/pull/311#discussion_r204819321) --- Diff: bin/traceserver.py --- @@ -116,8 +116,10 @@ # " -Xdebug -Xrunjdw:transport=dt\_socket,address=5005,server=y,suspend=n " + \ # " -XX:+UnlockCommercialFeatures -XX:+FlightRecorder - XX:FlightRecorderOptions=defaultrecording=true,dumponexit=true" + \ -java\_cmd = '%(java)s \$PHOENIX\_OPTS ' + \ - '-cp ' + hbase\_config\_path + os.pathsep + phoenix\_utils.phoenix\_traceserver\_jar + os.pathsep + phoenix\_utils.phoenix\_client\_jar + \ +java\_cmd = '%(java)s ' + \ --- End diff -- Ok, thank you
26. Github user mygood commented on the issue: <https://github.com/apache/phoenix/pull/311> You use version from apache phoenix 、 hbase 、 hadoop @MrSandmanRUS
27. Github user MrSandmanRUS commented on the issue: <https://github.com/apache/phoenix/pull/311> Yes @mygood
28. Github user mygood commented on the issue: <https://github.com/apache/phoenix/pull/311> I have a problem that the data does not into SYSTEM.TRACING\_STATS 0: jdbc:phoenix:localhost:2181:/hbase> trace on; +-----+ | trace\_id | +-----+ | 2701156331755118993 | +-----+ -----+ 1 row selected (0.001 seconds) 0: jdbc:phoenix:localhost:2181:/hbase> upsert into T(a,b) values(2,2); 1 row affected (0.015 seconds) 0: jdbc:phoenix:localhost:2181:/hbase> trace off; +-----+ | trace\_id | +-----+ | 2701156331755118993 | +-----+ 1 row selected (0.001 seconds) 0: jdbc:phoenix:localhost:2181:/hbase> trace off; +-----+ | trace\_id | +-----+ +-----+ No rows selected (0 seconds) 0: jdbc:phoenix:localhost:2181:/hbase> select \* from SYSTEM.TRACING\_STATS where trace\_id=2701156331755118993; +-----+-----+-----+-----+ | TRACE\_ID | PARENT\_ID | SPAN\_ID | DESCRIPTION | START\_TIME | END\_TIME | HOSTNAME | COUNT | COUNT | +-----+-----+-----+-----+ +-----+-----+-----+-----+ No rows selected (0.109 seconds) 0: jdbc:phoenix:localhost:2181:/hbase> select \* from SYSTEM.TRACING\_STATS; +-----+-----+-----+-----+ | TRACE\_ID | PARENT\_ID | SPAN\_ID | DESCRIPTION | START\_TIME | END\_TIME | HOSTNAME | COUNT | COUNT | +-----+-----+-----+-----+ +-----+-----+-----+-----+ | 2 | 2 | 2 | upsert | 20180720 | 20180721 | host1 | 20 | 30 | | 3 | 3 | 3 | upsert | 20180720 | 20180721 | host1 | 10 | 30 | +-----+-----+-----+-----+ 2 rows selected (0.098 seconds) @MrSandmanRUS
29. Github user MrSandmanRUS commented on the issue: <https://github.com/apache/phoenix/pull/311> Add to hbase-site.xml: <property> <name>phoenix.trace.enabled</name> <value>true</value> </property>
30. Github user asfgit closed the pull request at: <https://github.com/apache/phoenix/pull/311>
31. I've gone ahead and merged your PR. Thanks for the contribution, Vitaly!
32. SUCCESS: Integrated in Jenkins build Phoenix-4.x-HBase-1.3 #171 (See <https://builds.apache.org/job/Phoenix-4.x-HBase-1.3/171/>) PHOENIX-4817 Fixed Phoenix Tracing Web Application (fixed check null, (elserj: rev 1f7e3206bc0b1039b4b8a5fa9a2c8d06eb64e9d3) \* (edit) bin/traceserver.py \* (edit) phoenix-tracing-webapp/src/main/java/org/apache/phoenix/tracingwebapp/http/TraceServlet.java \* (edit) phoenix-tracing-webapp/src/main/java/org/apache/phoenix/tracingwebapp/http/Main.java

33. ABORTED: Integrated in Jenkins build PreCommit-PHOENIX-Build #1929 (See [https://builds.apache.org/job/PreCommit-PHOENIX-Build/1929/]) PHOENIX-4817 Fixed Phoenix Tracing Web Application (fixed check null, (elserj: rev 6b363b3a25b024539052b12169402eff78e34719) \* (edit) phoenix-tracing-webapp/src/main/java/org/apache/phoenix/tracingwebapp/http/TraceServlet.java \* (edit) phoenix-tracing-webapp/src/main/java/org/apache/phoenix/tracingwebapp/http/Main.java \* (edit) bin/traceserver.py
34. FAILURE: Integrated in Jenkins build PreCommit-PHOENIX-Build #1930 (See [https://builds.apache.org/job/PreCommit-PHOENIX-Build/1930/]) PHOENIX-4817 Fixed Phoenix Tracing Web Application (fixed check null, (elserj: rev 8a874cc95c3365a566453fb9ebbe8e31b6d51b38) \* (edit) phoenix-tracing-webapp/src/main/java/org/apache/phoenix/tracingwebapp/http/TraceServlet.java \* (edit) bin/traceserver.py \* (edit) phoenix-tracing-webapp/src/main/java/org/apache/phoenix/tracingwebapp/http/Main.java
35. Github user mygood commented on the issue: <https://github.com/apache/phoenix/pull/311> trace on not data into trace table I use apache-phoenix-4.13.1-HBase-1.1-bin and hbase-1.1.6 and hadoop-2.7.1 cp \$PHOENIX\_HOME/phoenix-4.13.1-HBase-1.1-server.jar \$HBASE\_HOME/lib cp \$PHOENIX\_HOME/bin/hadoop-metrics2-hbase.properties \$HBASE\_HOME/conf cp \$PHOENIX\_HOME/bin/hadoop-metrics2-phoenix.properties \$HBASE\_HOME/conf add hbase-sit.xml
- ```
<property> <name>phoenix.trace.frequency</name> <value>always</value> </property> <property>
<name>phoenix.trace.statsTableName</name> <value>SYSTEM.TRACING_STATS</value>
</property> <property> <name>phoenix.trace.frequency</name> <value>true</value> </property> run
sqlline.py create SYSTEM.TRACING_STATS CREATE TABLE SYSTEM.TRACING_STATS (
trace_id BIGINT NOT NULL, parent_id BIGINT NOT NULL, span_id BIGINT NOT NULL,
description VARCHAR, start_time BIGINT, end_time BIGINT, hostname VARCHAR, tags.count
SMALLINT, annotations.count SMALLINT, CONSTRAINT pk PRIMARY KEY (trace_id, parent_id,
span_id) ) 0: jdbc:phoenix:localhost:2181:/hbase> trace on; ----- trace_id -----
-- -7450651397611882467 ----- 1 row selected (0.001 seconds) 0:
jdbc:phoenix:localhost:2181:/hbase> create table t(a bigint not null PRIMARY key,b bigint); No rows
affected (2.523 seconds) 0: jdbc:phoenix:localhost:2181:/hbase> !ta -----
-----+ TABLE_CAT TABLE_SCHEM TABLE_NAME
TABLE_TYPE REMARKS TYPE_NAME SELF_REFERENCING_COL_NAME REF_GENERATIO --
-----+ SYSTEM
CATALOG SYSTEM TABLE SYSTEM FUNCTION SYSTEM TABLE SYSTEM SEQUENCE
SYSTEM TABLE SYSTEM STATS SYSTEM TABLE SYSTEM TRACING_STATS SYSTEM TABLE
T TABLE -----+ 0:
jdbc:phoenix:localhost:2181:/hbase> upsert into t(a,b) values(1,1); 1 row affected (0.046 seconds) 0:
jdbc:phoenix:localhost:2181:/hbase> select * from SYSTEM.TRACING_STATS where
trace_id=-7450651397611882467; -----
TRACE_ID PARENT_ID SPAN_ID DESCRIPTION START_TIME END_TIME HOSTNAME COUNT
COUNT -----
----- No rows selected (0.09 seconds) 0:
jdbc:phoenix:localhost:2181:/hbase> select * from SYSTEM.TRACING_STATS; -----
----- TRACE_ID PARENT_ID SPAN_ID DESCRIPTION
START_TIME END_TIME HOSTNAME COUNT COUNT -----
----- No rows
selected (0.09 seconds) @MrSandmanRUS @joshelser
```
36. FAILURE: Integrated in Jenkins build Phoenix-omid2 #89 (See [https://builds.apache.org/job/Phoenix-omid2/89/]) PHOENIX-4817 Fixed Phoenix Tracing Web Application (fixed check null, (elserj: rev 1f7e3206bc0b1039b4b8a5fa9a2c8d06eb64e9d3) * (edit) phoenix-tracing-webapp/src/main/java/org/apache/phoenix/tracingwebapp/http/TraceServlet.java * (edit) phoenix-tracing-webapp/src/main/java/org/apache/phoenix/tracingwebapp/http/Main.java * (edit) bin/traceserver.py