

**git\_comments:**

1. \* \* Given host, port and schema name, send a http GET request to download the {@link Schema}. \* \* @return schema on success. \* <P>  
<code>null</code> on failure.
2. \* \* Utility class which contains {@link Schema} related operations.
3. \* \* Copyright (C) 2014-2016 LinkedIn Corp. (pinot-core@linkedin.com) \* \* Licensed under the Apache License, Version 2.0 (the "License"); \*  
you may not use this file except in compliance with the License. \* You may obtain a copy of the License at \* \*  
<http://www.apache.org/licenses/LICENSE-2.0> \* \* Unless required by applicable law or agreed to in writing, software \* distributed under the  
License is distributed on an "AS IS" BASIS, \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. \* See  
the License for the specific language governing permissions and \* limitations under the License.
4. \* \* Given host, port and schema, send a http POST request to upload the {@link Schema}. \* \* @return <code>true</code> on success. \* <P>  
<code>false</code> on failure.
5. File not find error code.
6. \* \* Compare two schemas ignoring their version number. \* \* @return <code>true</code> if two schemas equal to each other. \* <p>  
<code>false</code> if two schemas do not equal to each other.
7. \* \* Given host, port and schema name, send a http DELETE request to delete the {@link Schema}. \* \* @return <code>true</code> on success.  
\* <P><code>false</code> on failure.
8. \* \* An example on how to use this utility class.
9. HLL derived metric type.
10. Required by JSON de-serializer. DO NOT REMOVE.
11. For derived metric fields.
12. Before adding default null value.
13. \* \* Test {@link TimeFieldSpec} constructors.
14. After adding default null value.
15. Before adding default null value.
16. After adding default null value.

**git\_commits:**

1. **summary:** Add SchemaUtils class to provide schema related utils. (#503)  
**message:** Add SchemaUtils class to provide schema related utils. (#503) 1. Add GET, POST, DELETE schema methods. 2. Add compare  
schema ignore version method. 3. Add more APIs for setting default null value. 4. Add annotation for Nonnull and Nullable 5. Allow string data  
type metric for derived metric spec.

**github\_issues:****github\_issues\_comments:****github\_pulls:**

1. **title:** Add SchemaUtils class to provide schema related utils.  
**body:** 1. Add GET, POST, DELETE schema methods. 2. Add compare schema ignore version method. 3. Add more APIs for setting default null  
value. 4. Add annotation for Nonnull and Nullable

**github\_pulls\_comments:**

1. ## [Current coverage](https://codecov.io/gh/linkedin/pinot/pull/503?src=pr) is 63.16% (diff: 61.27%) > No coverage report found for \*\*master\*\*  
at 0d9993c. > > Powered by [Codecov](https://codecov.io?src=pr). Last update [0d9993c...a947372]  
(https://codecov.io/gh/linkedin/pinot/compare/0d9993cb438d07063ba6cc667a1ec320a54e9069...a947372b66ecad91366e3c5541e622712d9884c2?  
src=pr)
2. Please address the comments, and add unit tests. LGTM otherwise.

**github\_pulls\_reviews:**

1. Add a message in the preconditions.
2. Add a message in all the Preconditions checks.
3. Use constants with suggestive names.
4. Add a comment explaining the logic here, it's a bit non intuitive.

**jira\_issues:****jira\_issues\_comments:**