

Need help with building pentaho-kettle...



[Nikola Garafolic](#) 6 posts since Dec 1, 2017

Need help with building pentaho-kettle from github May 9, 2019 8:26 AM

I have problems building pentaho-kettle from github, either by cloning or using latest release, build always fails:

ERROR] Failures:

[ERROR] PurRepositoryStressTest.runLoadTest:578

[INFO]

[ERROR] Tests run: 262, Failures: 1, Errors: 0, Skipped: 0

[INFO]

[INFO] -----

[INFO] Reactor Summary for Pentaho Data Integration 8.3.0.0-SNAPSHOT:

[INFO]

[INFO] Pentaho Data Integration SUCCESS [2.497 s]

[INFO] PDI Engine Extensions SUCCESS [0.120 s]

[INFO] PDI Engine API SUCCESS [6.411 s]

[INFO] PDI Core SUCCESS [39.454 s]

[INFO] PDI Engine SUCCESS [07:13 min]

[INFO] PDI DB Dialog SUCCESS [13.388 s]

[INFO] PDI User Interface SUCCESS [36.657 s]

[INFO] PDI Plugins SUCCESS [0.160 s]

[INFO] PDI Log4j Plugin SUCCESS [0.119 s]

[INFO] PDI Log4j Plugin Core SUCCESS [2.121 s]

[INFO] PDI Log4j Plugin Assemblies SUCCESS [0.071 s]

[INFO] PDI Log4j Plugin Distribution SUCCESS [0.854 s]

[INFO] PDI Core Plugins SUCCESS [0.074 s]

[INFO] PDI Core Plugins Impl SUCCESS [8.602 s]

[INFO] PDI Core Plugins UI SUCCESS [0.912 s]

[INFO] PDI Core Plugins Assemblies SUCCESS [0.096 s]

[INFO] PDI Core Plugins Distribution SUCCESS [0.455 s]

[INFO] Core UI Plugin SUCCESS [10.956 s]

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[INFO] PDI File Open and Save Plugin SUCCESS [0.139 s]
[INFO] PDI File Open and Save Plugin Core SUCCESS [10.073 s]
[INFO] PDI File Open and Save Plugin Assemblies SUCCESS [0.113 s]
[INFO] PDI File Open and Save Plugin Distribution SUCCESS [3.434 s]
[INFO] PDI File Open and Save New Plugin SUCCESS [0.155 s]
[INFO] PDI File Open and Save New Plugin API SUCCESS [0.843 s]
[INFO] PDI File Open and Save New Plugin Core SUCCESS [3.507 s]
[INFO] PDI File Open and Save New Plugin Assemblies SUCCESS [0.180 s]
[INFO] PDI File Open and Save New Plugin Distribution SUCCESS [1.892 s]
[INFO] Connections Plugin SUCCESS [0.118 s]
[INFO] Connections Plugin UI SUCCESS [8.957 s]
[INFO] Connections Plugin Assemblies SUCCESS [0.148 s]
[INFO] Connections Plugin Distribution SUCCESS [1.265 s]
[INFO] Get Fields Plugin SUCCESS [0.072 s]
[INFO] PDI Get Fields Plugin Core SUCCESS [3.393 s]
[INFO] PDI Get Fields Plugin Assemblies SUCCESS [0.133 s]
[INFO] PDI Get Fields Plugin Distribution SUCCESS [1.639 s]
[INFO] PDI Repositories Plugin SUCCESS [0.089 s]
[INFO] PDI Repositories Plugin Core SUCCESS [8.983 s]
[INFO] PDI Repositories Plugin Assemblies SUCCESS [0.071 s]
[INFO] PDI Repositories Plugin Feature SUCCESS [1.663 s]
[INFO] PDI Metadata Injection Plugin SUCCESS [27.664 s]
[INFO] PDI Engine Configuration Plugin SUCCESS [0.063 s]
[INFO] PDI Engine Configuration Plugin API SUCCESS [0.938 s]
[INFO] PDI Engine Configuration Plugin Implementation SUCCESS [4.521 s]
[INFO] PDI Engine Configuration Plugin UI SUCCESS [17.828 s]
[INFO] PDI Engine Configuration Plugin Assemblies SUCCESS [0.027 s]
[INFO] PDI Engine Configuration Plugin Feature SUCCESS [1.312 s]
[INFO] PDI Get Previous Row Field Plugin SUCCESS [0.074 s]
[INFO] PDI Get Previous Row Field Plugin Core SUCCESS [0.254 s]
[INFO] PDI Get Previous Row Field Assemblies SUCCESS [0.022 s]
[INFO] PDI Get Previous Row Field Plugin SUCCESS [0.088 s]

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[INFO] PDI Aggregate Rows Plugin SUCCESS [0.028 s]
[INFO] PDI Aggregate Rows Plugin Core SUCCESS [1.956 s]
[INFO] PDI Aggregate Rows Plugin Assemblies SUCCESS [0.024 s]
[INFO] PDI Aggregate Rows Plugin Distribution SUCCESS [0.256 s]
[INFO] PDI Elasticsearch Bulk Insert Plugin SUCCESS [0.022 s]
[INFO] PDI Elasticsearch Bulk Insert Plugin Core SUCCESS [4.426 s]
[INFO] PDI Elasticsearch Bulk Insert Plugin Assemblies SUCCESS [0.052 s]
[INFO] PDI Elasticsearch Bulk Insert Plugin Distribution .. SUCCESS [5.302 s]
[INFO] PDI Google Analytics Plugin SUCCESS [0.019 s]
[INFO] PDI Google Analytics Plugin Core SUCCESS [4.267 s]
[INFO] PDI Google Analytics Plugin Assemblies SUCCESS [0.032 s]
[INFO] PDI Google Analytics Plugin Distribution SUCCESS [3.034 s]
[INFO] PDI GP Bulk Loader Plugin SUCCESS [0.025 s]
[INFO] PDI GP Bulk Loader Plugin Core SUCCESS [2.110 s]
[INFO] PDI GP Bulk Loader Plugin Assemblies SUCCESS [0.021 s]
[INFO] PDI GP Bulk Loader Plugin Distribution SUCCESS [0.154 s]
[INFO] Pentaho Google Drive VFS SUCCESS [0.019 s]
[INFO] Pentaho Google Drive VFS Plugin Core SUCCESS [3.310 s]
[INFO] Pentaho Google Drive VFS Assemblies SUCCESS [0.027 s]
[INFO] Pentaho Google Drive VFS Plugin Distribution SUCCESS [1.554 s]
[INFO] PDI HL7 Plugin SUCCESS [0.358 s]
[INFO] PDI HL7 Plugin Core SUCCESS [0.460 s]
[INFO] PDI HL7 Plugin Assemblies SUCCESS [0.019 s]
[INFO] PDI HL7 Plugin Distribution SUCCESS [1.417 s]
[INFO] PDI Drools Plugin SUCCESS [0.019 s]
[INFO] PDI Drools Plugin Core SUCCESS [1.685 s]
[INFO] PDI Drools Plugin Assemblies SUCCESS [0.025 s]
[INFO] PDI Drools Plugin Distribution SUCCESS [3.724 s]
[INFO] PDI Dummy Plugin SUCCESS [0.020 s]
[INFO] PDI Dummy Plugin Core SUCCESS [0.982 s]
[INFO] PDI Dummy Plugin Assemblies SUCCESS [0.019 s]
[INFO] PDI Dummy Plugin Distribution SUCCESS [2.046 s]

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[INFO] PDI Json Plugin SUCCESS [0.017 s]
[INFO] PDI Json Plugin Core SUCCESS [3.609 s]
[INFO] PDI Json Plugin Assemblies SUCCESS [0.018 s]
[INFO] PDI Json Plugin Distribution SUCCESS [0.090 s]
[INFO] PDI S3 CSV Input Plugin SUCCESS [0.020 s]
[INFO] PDI S3 CSV Input Plugin Core SUCCESS [4.211 s]
[INFO] PDI S3 CSV Input Plugin Assemblies SUCCESS [0.018 s]
[INFO] PDI S3 CSV Input Plugin Distribution SUCCESS [0.143 s]
[INFO] PDI SAP Plugin SUCCESS [0.019 s]
[INFO] PDI SAP Plugin Core SUCCESS [1.333 s]
[INFO] PDI SAP Plugin Assemblies SUCCESS [0.026 s]
[INFO] PDI SAP Plugin Distribution SUCCESS [0.100 s]
[INFO] PDI Shape File Reader Plugin SUCCESS [0.019 s]
[INFO] PDI Shape File Reader Plugin Core SUCCESS [0.324 s]
[INFO] PDI Shape File Reader Plugin Assemblies SUCCESS [0.021 s]
[INFO] PDI Shape File Reader Plugin Distribution SUCCESS [0.066 s]
[INFO] PDI GPLoad Plugin SUCCESS [0.163 s]
[INFO] PDI GPLoad Plugin Core SUCCESS [2.568 s]
[INFO] PDI GPLoad Plugin Assemblies SUCCESS [0.026 s]
[INFO] PDI GPLoad Plugin Distribution SUCCESS [0.069 s]
[INFO] PDI Openerp Plugin SUCCESS [0.036 s]
[INFO] PDI Openerp Plugin Core SUCCESS [0.552 s]
[INFO] PDI Openerp Plugin Assemblies SUCCESS [0.017 s]
[INFO] PDI Openerp Plugin Distribution SUCCESS [0.109 s]
[INFO] PDI Palo Plugin SUCCESS [0.032 s]
[INFO] PDI Palo Plugin Core SUCCESS [3.438 s]
[INFO] PDI Palo Plugin Assemblies SUCCESS [0.035 s]
[INFO] PDI Palo Plugin Distribution SUCCESS [0.091 s]
[INFO] PDI Version Checker Plugin SUCCESS [0.017 s]
[INFO] PDI Version Checker Plugin Core SUCCESS [0.141 s]
[INFO] PDI Version Checker Plugin Assemblies SUCCESS [0.025 s]
[INFO] PDI Version Checker Plugin Distribution SUCCESS [0.163 s]

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[INFO] PDI Lucid DB Streaming Loader Plugin SUCCESS [0.041 s]
[INFO] PDI Lucid DB Streaming Loader Plugin Core SUCCESS [0.355 s]
[INFO] PDI Lucid DB Streaming Loader Plugin Assemblies SUCCESS [0.041 s]
[INFO] PDI Lucid DB Streaming Loader Plugin Distribution .. SUCCESS [0.103 s]
[INFO] PDI Salesforce Plugin SUCCESS [0.049 s]
[INFO] PDI Salesforce Plugin Core SUCCESS [7.584 s]
[INFO] PDI Salesforce Plugin Assemblies SUCCESS [0.024 s]
[INFO] PDI Salesforce Plugin Distribution SUCCESS [0.188 s]
[INFO] PDI PUR Plugin SUCCESS [0.039 s]
[INFO] PDI PUR Plugin Core FAILURE [47.110 s]
[INFO] PDI PUR Plugin Assemblies SKIPPED
[INFO] PDI PUR Plugin Distribution SKIPPED
[INFO] PUR Repository Proxy SKIPPED
[INFO] PDI Ms Access Plugins SKIPPED
[INFO] PDI MS Access Plugins Impl SKIPPED
[INFO] PDI MS Access Plugins UI SKIPPED
[INFO] PDI Ms Access Plugins Assemblies SKIPPED
[INFO] PDI Ms Access Plugins Distribution SKIPPED
[INFO] PDI XML Plugin SKIPPED
[INFO] PDI XML Plugin Core SKIPPED
[INFO] PDI XML Plugin Assemblies SKIPPED
[INFO] PDI XML Plugin Distribution SKIPPED
[INFO] Pentaho Streaming Plugins SKIPPED
[INFO] pentaho-streaming-impls SKIPPED
[INFO] pentaho-jms-plugin Blueprint Bundle SKIPPED
[INFO] MQTT Streaming Step Plugin Bundle SKIPPED
[INFO] Pentaho Streaming Plugin Assembly SKIPPED
[INFO] Pentaho Streaming Plugin Feature SKIPPED
[INFO] PDI Assemblies SKIPPED
[INFO] PDI Client Static Assets SKIPPED
[INFO] PDI Client Samples SKIPPED
[INFO] PDI Client Libraries SKIPPED

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[INFO] PDI Client Plugins SKIPPED

[INFO] PDI Client Community Edition SKIPPED

[INFO] PDI Core Client Assembly SKIPPED

[INFO] PDI Core Client Libraries SKIPPED

[INFO] PDI Core Client Static Assets SKIPPED

[INFO] PDI Core Client Community Edition SKIPPED

[INFO] -----

[INFO] BUILD FAILURE

[INFO] -----

[INFO] Total time: 13:26 min

[INFO] Finished at: 2019-05-09T09:54:14+02:00

[INFO] -----

[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:2.21.0:test (default-test) on project pdi-pur-plugin-core: There are test failures.

[ERROR]

[ERROR] Please refer to /home/xx/Downloads/pentaho-kettle/plugins/pur/core/target/surefire-reports for the individual test results.

[ERROR] Please refer to dump files (if any exist) [date]-jvmRun[N].dump, [date].dumpstream and [date]-jvmRun[N].dumpstream.

[ERROR] -> [Help 1]

org.apache.maven.lifecycle.LifecycleExecutionException: Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:2.21.0:test (default-test) on project pdi-pur-plugin-core: There are test failures.

Please refer to /home/xx/Downloads/pentaho-kettle/plugins/pur/core/target/surefire-reports for the individual test results.

Please refer to dump files (if any exist) [date]-jvmRun[N].dump, [date].dumpstream and [date]-jvmRun[N].dumpstream.

at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:215)

at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:156)

at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:148)

at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:117)

at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:81)

at org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder.build (SingleThreadedBuilder.java:56)

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```
at org.apache.maven.lifecycle.internal.LifecycleStarter.execute (LifecycleStarter.java:128)
at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:305)
at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:192)
at org.apache.maven.DefaultMaven.execute (DefaultMaven.java:105)
at org.apache.maven.cli.MavenCli.execute (MavenCli.java:956)
at org.apache.maven.cli.MavenCli.doMain (MavenCli.java:288)
at org.apache.maven.cli.MavenCli.main (MavenCli.java:192)
at sun.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke (Method.java:498)
at org.codehaus.plexus.classworlds.launcher.Launcher.launchEnhanced (Launcher.java:289)
at org.codehaus.plexus.classworlds.launcher.Launcher.launch (Launcher.java:229)
at org.codehaus.plexus.classworlds.launcher.Launcher.mainWithExitCode (Launcher.java:415)
at org.codehaus.plexus.classworlds.launcher.Launcher.main (Launcher.java:356)
```

Caused by: org.apache.maven.plugin.MojoFailureException: There are test failures.

Please refer to /home/xx/Downloads/pentaho-kettle/plugins/pur/core/target/surefire-reports for the individual test results.

Please refer to dump files (if any exist) [date]-jvmRun[N].dump, [date].dumpstream and [date]-jvmRun[N].dumpstream.

```
at org.apache.maven.plugin.surefire.SurefireHelper.throwException (SurefireHelper.java:240)
at org.apache.maven.plugin.surefire.SurefireHelper.reportExecution (SurefireHelper.java:112)
at org.apache.maven.plugin.surefire.SurefirePlugin.handleSummary (SurefirePlugin.java:354)
at org.apache.maven.plugin.surefire.AbstractSurefireMojo.executeAfterPreconditionsChecked (AbstractSurefireMojo.java:1008)
at org.apache.maven.plugin.surefire.AbstractSurefireMojo.execute (AbstractSurefireMojo.java:854)
at org.apache.maven.plugin.DefaultBuildPluginManager.executeMojo (DefaultBuildPluginManager.java:137)
at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:210)
at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:156)
at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:148)
at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:117)
at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject (LifecycleModuleBuilder.java:81)
```

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```
at org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder.build
(SingleThreadedBuilder.java:56)
at org.apache.maven.lifecycle.internal.LifecycleStarter.execute (LifecycleStarter.java:128)
at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:305)
at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:192)
at org.apache.maven.DefaultMaven.execute (DefaultMaven.java:105)
at org.apache.maven.cli.MavenCli.execute (MavenCli.java:956)
at org.apache.maven.cli.MavenCli.doMain (MavenCli.java:288)
at org.apache.maven.cli.MavenCli.main (MavenCli.java:192)
at sun.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke (Method.java:498)
at org.codehaus.plexus.classworlds.launcher.Launcher.launchEnhanced (Launcher.java:289)
at org.codehaus.plexus.classworlds.launcher.Launcher.launch (Launcher.java:229)
at org.codehaus.plexus.classworlds.launcher.Launcher.mainWithExitCode (Launcher.java:415)
at org.codehaus.plexus.classworlds.launcher.Launcher.main (Launcher.java:356)
```

[ERROR]

[ERROR] Re-run Maven using the -X switch to enable full debug logging.

[ERROR]

[ERROR] For more information about the errors and possible solutions, please read the following articles:

[ERROR] [Help 1] <http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException>

[ERROR]

[ERROR] After correcting the problems, you can resume the build with the command

[ERROR] mvn <goals> -rf :pdi-pur-plugin-core

Tags: maven, error pdi, pdi 8.3



Sergio Ribeiro 24 posts since May 4, 2018

Re: Need help with building pentaho-kettle from github May 9, 2019 9:16 AM

Hello [Nikola Garafolic](#) ,

The error seems to be on the test phase so if you just want to compile, try using "-Dmaven.test.skip=true" (it'll skip testing).

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Having said that, you should try to identify the test that is failing and find out why it's failing:

Please refer to `/home/xx/Downloads/pentaho-kettle/plugins/pur/core/target/surefire-reports` for the individual test results.

Please refer to dump files (if any exist) `[date]-jvmRun[N].dump`, `[date].dumpstream` and `[date]-jvmRun[N].dumpstream`.

It may be something on your system configuration or (less probable) some error on the code/test...

Regards,

Sérgio Ribeiro
Porto - Portugal.



Nikola Garafolic 6 posts since Dec 1, 2017

Re: Need help with building pentaho-kettle from github May 9, 2019 9:20 AM

Hi, thanks for response. Will try but on github they mention skipping tests is not recommended, thats why I didnt skip them.



Sergio Ribeiro 24 posts since May 4, 2018

Re: Need help with building pentaho-kettle from github May 9, 2019 12:26 PM

As a rule of thumb, if there're tests, they **shouldn't** be ignored: they help prevent changes that will introduce errors (or behaviour differences).

If you're using code from the master branch, it's very difficult to have a test failing because of a code change (but not impossible). My suggestion to skip the tests was only so that you could have a functional version...

There're a few tests that are "very sensible" on how much resources they can use - It's not uncommon having tests (momentarily) failing from time outs, memory exhaustion or other sporadic problem...

As I said on my former reply, you can look into the result files to check why the test failed. If you find an error, you may report it!

Oh, do you use the "-U" (or "update-snapshots") option? If not, you may be using some wrong/old dependency...

Regards,

Sérgio Ribeiro
Porto - Portugal.

Need help with building pentaho-kettle...



Larry Grill 2 posts since Mar 6, 2018

Re: Need help with building pentaho-kettle from github May 10, 2019 6:01 PM

All Pentaho maven project builds fail by default when there is a failing test. This behavior is controlled by the 'maven-surefire-plugin.testFailureIgnore' property

in the global parent pom here: <https://github.com/pentaho/maven-parent-poms/blob/master/pentaho-ce-parent-pom/pentaho-ce-jar-parent-pom/pom.xml#L39>

So instead of merely not running the unit tests with skipTests, you can override this behavior for all your local builds by adding this property to your settings.xml and setting it to 'true.'

Here is an example using a settings.xml profile:

```
<profiles>
  <profile>
    <id>default</id>
    <activation>
      <activeByDefault>true</activeByDefault>
    </activation>
    <properties>
      <maven-surefire-plugin.testFailureIgnore>true</maven-surefire-plugin.testFailureIgnore>
    </properties>
  </profile>
</profiles>
```

You can also control it on any individual command line build like this:

```
`mvn clean install -Dmaven-surefire-plugin.testFailureIgnore=true`
```

This will run all the tests, but not fail your build if any tests fail. This can be helpful, but because maven won't aggregate all the test results at the end of your multi-project build log, it is easy to miss those failing tests. This method is recommended when you have a CI platform like Jenkins doing your build and are using a plugin to aggregate the test results.