

Oracle® Fusion Middleware

Known Issues in Oracle Stream Analytics



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Preface

This document lists the known issues and limitations in Oracle Stream Analytics.

Topics:

- [Audience](#)
- [Documentation Accessibility](#)
- [Conventions](#)
- [Related Documents](#)

Audience

This document is intended for all users of Oracle Stream Analytics.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

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Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Related Documents

Documentation for Oracle Stream Analytics is available on [Oracle Help Center](#).

Also see the following documents for reference:

- *Understanding Oracle Stream Analytics*
- *Quick Installer for Oracle Stream Analytics*
- *Developing Custom Jars and Custom Stages in Oracle Stream Analytics*
- *Spark Extensibility for CQL in Oracle Stream Analytics*
- *Using Oracle Stream Analytics*

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Known Issues

The limitations and known issues in Oracle Stream Analytics are listed in this document.

Topics:

- Unexpected Message While Adding a Filter to Join Stage
- Batch Delay Increases When HA is Enabled
- Same user cannot login multiple times
- Target stage does not get updated if previous stage is edited
- Values of Drop-down List not seen when the Live Output Table has a single row
- Metadata Export of Dashboards is not supported
- Metadata Export of Custom Stages is not supported
- Metadata Export of Cubes is not supported
- Metadata Export of Scoring Stages is not supported
- Metadata Export of Predictive Models is not supported
- Metadata Export of Visualizations is not supported
- Improper Connection Pooling Size in Jetty
- No Data Seen in Live Output Table when the Pipeline is Published
- SDO_Geometry Not Supported in Coherence Cache
- Pattern Cannot Detect Events Correctly
- Pipeline is Stuck with "Listening for Events" Message
- Default Character Limit for Text Fields
- Limited Support for Predictive Models

Unexpected Message While Adding a Filter to Join Stage

Bug Number: 27759679

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

A Pipeline is broken. Please fix all invalid stages. message appears when you try to add a filter in a join stage. This is a known issue.

Workaround

No workaround available

Batch Delay Increases When HA is Enabled

Bug Number: 27759532

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

While publishing a pipeline, if you enable HA you can see that the batch scheduling is delayed. This is a known issue.

Workaround

No workaround available

Same user cannot login multiple times

Bug Number: 27162360

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

Multiple logins from different browser instances using the same user id is not supported in Oracle Stream Analytics. Even though you are not working on the same artifacts, logging in to the application using the same user credentials from multiple places is not allowed.

Workaround

No workaround available

Target stage does not get updated if previous stage is edited

Bug Number: 27339675

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

When any of the previous stages are updated, the changes are not propagated to the target stage. The live output table in the target stage does not show any events. This is a known issue.

Workaround

Re-configure the target by selecting **No Target** in the target configuration section.

Values of Drop-down List not seen when the Live Output Table has a single row

Bug Number: 27474785

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

Full values within the drop-down list are not seen when the live output table has a single row. This is a known issue.

Workaround

Pull the horizontal splitter up so that more of the table is visible.

Metadata Export of Dashboards is not supported

Issue

Bug Number: 27466147

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

The metadata export functionality for dashboards is not supported in this release of Oracle Stream Analytics. This is a limitation.

Workaround

No workaround available

Metadata Export of Custom Stages is not supported

Bug Number: 27515146

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

The metadata export functionality for pipelines that contain custom stages is not supported in this release of Oracle Stream Analytics.

Workaround

No workaround available

Metadata Export of Cubes is not supported

Bug Number: 27466177

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

The metadata export functionality of a cube is not supported in this release of Oracle Stream Analytics.

Workaround

No workaround available

Metadata Export of Scoring Stages is not supported

Bug Number: 27594028

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

The metadata export functionality for pipelines that contain scoring stages is not supported in this release of Oracle Stream Analytics.

Workaround

No workaround available

Metadata Export of Predictive Models is not supported

Issue

Impacted Platforms: All

The metadata export functionality of predictive models is not supported in this release of Oracle Stream Analytics. This is a limitation.

Workaround

No workaround available

Metadata Export of Visualizations is not supported

Issue

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

The metadata export functionality for visualizations is not supported in this release of Oracle Stream Analytics. This is a limitation.

Workaround

No workaround available

Improper Connection Pooling Size in Jetty

Issue

Bug Number: 27511853

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

Jetty slows down because of an improper connection pooling size. You must allocate more size for pooling if not explicitly specified.

Workaround

Add the connection pool size in the configuration. The sample JDBC configuration looks like the following:

```

<New id="osads" class="org.eclipse.jetty.plus.jndi.Resource">
  <Arg>
    <Ref refid="wac"/>
  </Arg>
  <Arg>jdbc/OSADatasource</Arg>
  <Arg>
    <New class="oracle.jdbc.pool.OracleDataSource">
      <Set name="URL">jdbc:oracle:thin:@myhost.example.com:1521:OSADB</Set>

      <Set name="User">{OSA_USER}</Set>
      <Set name="Password">{OSA_USER_PWD}</Set>
      <Set name="connectionCachingEnabled">true</Set>
      <Set name="connectionCacheProperties">
        <New class="java.util.Properties">
          <Call name="setProperty"><Arg>MinLimit</Arg><Arg>1</Arg></Call>

          <Call name="setProperty"><Arg>MaxLimit</Arg><Arg>15</Arg></Call>

          <Call name="setProperty"><Arg>InitialLimit</Arg><Arg>1</Arg></Call>
        </New>
      </Set>
    </New>
  </Arg>
</New>

```

Example 1-1 Example Title

No Data Seen in Live Output Table when the Pipeline is Published

Issue

Bug Number: 27587750

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

Sometimes no data is seen in the target stage of the live output when you publish the pipeline.

Workaround

Exit the pipeline editor and come back to the pipeline.

SDO_Geometry Not Supported in Coherence Cache

Issue

Bug Number: 27480822

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

In coherence cache, data type conversion to SDO_Geometry is not supported. This is a limitation.

Workaround

No workaround available

Pattern Cannot Detect Events Correctly

Issue

Bug Number: 25132943

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

When you have configured the batch duration as 1 second for underlying Spark Streaming, the pattern match clause cannot detect events sequence correctly happening within an interval of less than or equal to 1 second. This is a limitation.

Workaround

No workaround available

Pipeline is Stuck with "Listening for Events" Message

Issue

Bug Number: 27578142

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

When you create a file stream with Read whole content option enabled, the pipeline is stuck at the message "Listening for Events" and no data appears in the live output table.

Workaround

Turn off the Read whole content option to see the events streaming in the live output table.

Default Character Limit for Text Fields

Bug Number: 27701535

Impacted Releases: 18.1.0.0.0

Impacted Platforms: All

There is a limitation on the size of text fields in pipelines: events with text fields exceeding 1024 characters will not be processed.

Limited Support for Predictive Models

The menu commands for creating Predictive Models and Scoring Stages are marked **Beta**, for example, **Predictive Model (Beta)**. The **Beta** label indicates that the functionality has been tested, but is not fully supported. The import and scoring of Predictive Models might contain undocumented limitations and you should use them as is.