

Application Assessment Report

Application name: Application Conversion Analyze4
Source database: MySQL
Target database: Amazon Aurora (PostgreSQL compatible)



Application Assessment Report

Application name: Application Conversion Analyze4
Root folder: C:\Users\Administrator\Documents\MySQL\sample-code
Number of analyzed files: 1
Number of lines of code: 112
Language: ANY
Parameters style: Same as in source
Source schema: sakila
MySQL Community Server - GPL 8.0.26

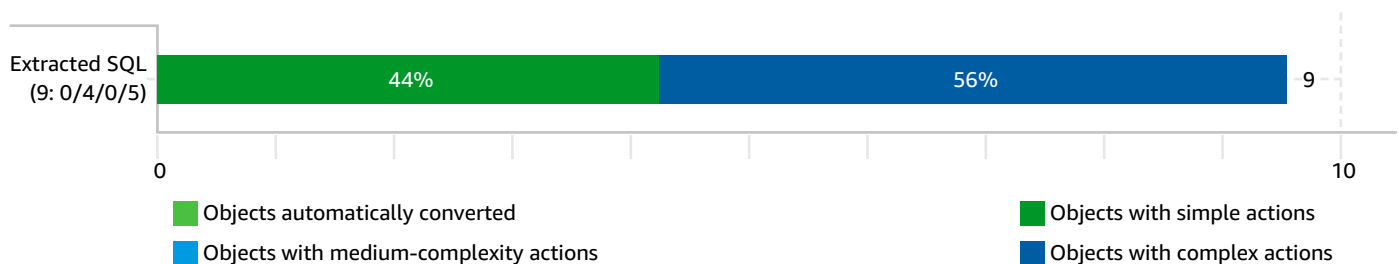
Executive summary

We completed the analysis of your application "Application Conversion Analyze4". We were able to extract 9 SQL statements from your application code which need to be converted to Amazon Aurora (PostgreSQL compatible).

Of the total 9 SQL statements in the source code we identified 4 (44%) SQL statements that can be extracted automatically. 5 (56%) SQL statements require 9 user action(s) to complete the extraction. Based on the source code syntax analysis we estimate none% (based on # lines of code) of your code can be converted to Amazon RDS for Amazon Aurora (PostgreSQL compatible) automatically. To complete the migration we recommend 0 conversion action(s) ranging from simple tasks to medium-complexity actions to complex conversion actions.

Of the total 0 SQL statements in the source code we identified 0 (none%) SQL statements that can be converted to Amazon Aurora (PostgreSQL compatible) automatically or with minimal changes. 0 (none%) SQL statements require 0 user action(s) to complete the conversion.

The object actions complexity is a sum of the complexity of the action items associated with the object. Therefore, an object with multiple simple action items could be treated as "object with medium-complexity actions" or even as "object with complex actions."



Detailed recommendations for application conversion to Amazon Aurora (PostgreSQL compatible)

If you migrate your MySQL database sakila to Amazon Aurora (PostgreSQL compatible) you might need to make application code changes to the SQL code. We recommend that you perform the following actions in your application code to make it work with Amazon Aurora (PostgreSQL compatible).

SQL Statements Extraction Actions

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! Issue 100002: Statement has been truncated

Recommended action: Perform a manual extraction of SQL code and try to convert it from inside SCT studio

Issue code: 100002 | Number of occurrences: 4 | Estimated complexity: Simple

\TestSCTSample.py Line 94

\TestSCTSample.py Line 83

\TestSCTSample.py Line 55

\TestSCTSample.py Line 35

— Issue 101001: General syntax error. We failed to parse the statement

Recommended action: Recommended Action: Perform a manual extraction of SQL code and convert it from inside using SCT studio.

Issue code: 101001 | Number of occurrences: 5 | Estimated complexity: Complex

\TestSCTSample.py Line 108

\TestSCTSample.py Line 103

\TestSCTSample.py Line 89

\TestSCTSample.py Line 88

\TestSCTSample.py Line 64