

Alibaba Cloud MaxCompute Error Code Appendix

Issue: 20190713

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Generic conventions

Table -1: Style conventions

Style	Description	Example
	This warning information indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 Danger: Resetting will result in the loss of user configuration data.
	This warning information indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	 Warning: Restarting will cause business interruption. About 10 minutes are required to restore business.
	This indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: Take the necessary precautions to save exported data containing sensitive information.
	This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user.	 Note: You can use Ctrl + A to select all files.
>	Multi-level menu cascade.	Settings > Network > Set network type
Bold	It is used for buttons, menus, page names, and other UI elements.	Click OK .
Courier font	It is used for commands.	Run the <code>cd / d C :/ windows</code> command to enter the Windows system folder.
<i>Italics</i>	It is used for parameters and variables.	<code>bae log list --instanceid <i>Instance_ID</i></code>
[] or [a b]	It indicates that it is an optional value, and only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
<code>{}</code> or <code>{a b}</code>	It indicates that it is a required value, and only one item can be selected.	<code>swich {stand slave}</code>

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1 SQL Common Errors

Error message	Trigger condition
ODPS-0110005:Unknown exception from metadata operation	Catch all unknown exceptions on the top layer.
ODPS-0110011:Authorization exception	You are unauthorized.
ODPS-0110021:Invalid parameters	The parameter is invalid.
ODPS-0110031:Invalid object type	The object type is invalid.
ODPS-0110041:Invalid meta operation - AlreadyExistsException(message: Partition already exists, existed values	Currently, MaxCompute does not lock the operated table. This error is caused by competition between META tags, that is, multiple read/write actions on the same partition at the same time. We recommend that you do not perform multiple actions on the same table at the same time when the lock mechanism of MaxCompute is not enabled.
ODPS-0110061: Failed to run ddltask - AlreadyExistsException(message: Partition already exists, existed values).	Currently, MaxCompute does not lock the operated table. This error is caused by competition between META tags, that is, multiple read/write actions on the same partition at the same time. We recommend that you do not perform multiple actions on the same table at the same time when the lock mechanism of MaxCompute is not enabled.
ODPS-0110061: Failed to run ddltask - SimpleLock conflict failure, add partition is already on-going	This error occurs when you add the same partition in batches. MaxCompute runs only the first command to add a partition and ignores the subsequent ones.
ODPS-0110071: OTS initialization exception	Table Store initialization is abnormal.
ODPS-0110081: OTS transaction exception	Table Store transaction is abnormal.
ODPS-0110091: OTS filtering exception	The conditional filtering of Table Store is abnormal.
ODPS-01100101: OTS processing exception	Table Store execution is abnormal.

Error message	Trigger condition
ODPS-01100111: OTS invalid data object	Table Store data is faulty.
ODPS-01100121: Unknown OTS exception	An unknown Table Store error occurs.
Fig: compression exception	Storage descriptor compression is abnormal.
ODPS-0110141:Data version exception	The data version is abnormal.
ODPS-0110999:Critical! Internal error happened in commit operation and rollback failed, possible breach of atomicity	Roll-back fails.
ODPS-0120005:Unknown exception from processor	Catch all unknown exceptions on the top layer.
ODPS-0120011:Authorization exception	You are unauthorized.
ODPS-0120021:the delimiter must be the same in wm_concat	The separators in the same group are different.
ODPS-0120031: Instance has been canceled	The instance is canceled for multiple times.
ODPS-0121011:Invalid regular expression pattern	The regular expression processing function of the built-in functions receive an unrecognizable regular expression.
ODPS-0121021:Regexec call failed	An error occurs when the regular expression is matched.
ODPS-0120031: Instance has been cancelled	The instance is canceled for multiple times.
ODPS-0121035:Illegal implicit type cast	The type conversion is invalid. Generally, the error is caused by implicit conversions of unsupported types, which is against the rules of implicit type conversion . Built-in functions also have different implicit conversion rules.
ODPS-0121045:Unsupported return type	The return value is unsupported.
ODPS-0121055:Empty argument value	The parameter value is an empty string or null.

Error message	Trigger condition
ODPS-0121065:Argument value out of range	The parameter value is out of the range.
ODPS-0121075:Invalid number of arguments	The number of parameters is invalid.
ODPS-0121081:Illegal argument type	The basic type of the parameter is invalid.
ODPS-0121095:Invalid arguments	Another parameter error occurs.
ODPS-0121105:Constant argument value expected	Constant must be input, but column names are input.
ODPS-0121115:Column reference expected	Column names must be input, but constants are input.
ODPS-0121125:Unsupported function or operation	The UDF or other action is unsupported.
ODPS-0121135:Malloc memory failed	The memory allocation is abnormal.
ODPS-0121145:Data overflow	The data overflows. The value is out of the value range of the data type . This error is often caused by a division by zero or aggregate function. For example, sum causes data overflow.
ODPS-0123019:Distributed file operation exception	The disk read/write operation is abnormal.
ODPS-0123023:Unsupported reduce type	The reduce type is unsupported.
ODPS-0123031:Partition exception	A partition exception occurs.
ODPS-0123043:buffer overflow	The cache overflows.
Fig: script exception	The script is abnormal.
ODPS-0123065:Join exception	A Join exception occurs.
ODPS-0123075:Hash exception	A hash exception occurs.
ODPS-0123081:Invalid datetime string	The datetime string is abnormal.
ODPS-0123091:Illegal type cast	The type conversion is invalid. This error is often caused by explicit conversions .
ODPS-0123105: Job got killed	The job is killed.

Error message	Trigger condition
ODPS-0123111:Format string does not match datetime string	The format string does not match the date string. The format of the date manually input in the SQL statement does not meet the MaxCompute format requirements, or DateTime built-in functions are improperly used. For the display formats of the DateTime type in MaxCompute, see examples in Data types or introduction on date functions in Built-in functions .
ODPS-0123121:Mapjoin exception	A MapJoin exception occurs. This error often appears because the size of the MapJoin small table exceeds the upper limit, which is 512 MB.
ODPS-0123131:User defined function exception	The UDF is abnormal.
ODPS-0123141: Exstore exception	The extreme storage is abnormal.
ODPS-0130005:Unknown exception from parser	Catch all unknown exceptions on the top layer.
ODPS-0130013:Authorization exception	You are unauthorized and cannot pass the security check.
ODPS-0130025:Failed to I/O	An input/output exception occurs.
ODPS-0130031:Failed to drop table	The source table does not exist when you delete the table.
ODPS-0130041:Statistics exception	A statistics exception occurs.
ODPS-0130051:Exception in sub query	A subquery exception occurs.
ODPS-0130061:Invalid table	The table is invalid.
ODPS-0130071:Semantic analysis exception - Invalid table alias or column reference	The syntax parsing is abnormal. The column name is incorrect, and the corresponding column cannot be found.
ODPS-0130071:Semantic analysis exception - Invalid column reference	The syntax parsing is abnormal. The column reference is incorrect, and the corresponding column cannot be found.
ODPS-0130071:Semantic analysis exception - Expression not in GROUP BY key	The syntax parsing is abnormal. The read columns in the Select clause are different from those in the Group By clause.

Error message	Trigger condition
ODPS-0130071:Semantic analysis exception - Partition not found	The syntax parsing is abnormal. Partitions of the specified partition values cannot be found.
ODPS-0130071:Semantic analysis exception - SELECT DISTINCT and GROUP BY can not be in the same query	Distinct and Group By cannot be used in the same Select clause.
ODPS-0130071:Semantic analysis exception - Cannot insert into target table because column number/types are different	The number of type of the columns in the source table and target table is different when you insert data to the target table.
ODPS-0130071:Semantic analysis exception - physical plan generation failed: java.lang.RuntimeException: Table(xxxx) is full scan with all partitions , please specify partition predicates.	The project to which the table belongs forbids full table scan on the partition table. You must specify the partition conditions.
ODPS-0130071:Semantic analysis exception - xxxx type is not enabled in current mode	The new data type setting is not turned on. To use the new data types (TINYINT, SMALLINT integer, float, VARCHAR TIMESTAMP, and BINARY), you need to add a setting statement before the table statement. Session level: <code>set odps . sql . type . system . odps2 = true ;</code> project level: <code>setproject odps . sql . type . system . odps2 = true ;</code>
ODPS-0130081:Invalid UDF reference	UDF method signature.
ODPS-0130091:Invalid parameters	The UDF parameter is invalid.
ODPS-0130101:Ambiguous data type	The data type is invalid.
ODPS-0130111:Subquery partition pruning exception	The dynamic partition optimization is abnormal in the subquery in the IN condition determine statement.
ODPS-0130121:Invalid argument type	The parameter type is invalid. This error is often caused by incorrect parameter type received by the built-in functions .

Error message	Trigger condition
ODPS-0130131:Table not found	The table does not exist. When you run the DDL or DML statements, the operated table does not exist.
ODPS-0130141:Illegal implicit type cast	The implicit type conversion is not allowed.
ODPS-0130151:Illegal data type	The data type is invalid.
ODPS-0130161:Parse exception	The syntax parsing fails.
ODPS-0130171:Creating view exception	An exception occurs when you create a view.
ODPS-0130181:Window function exception	The window function is abnormal.
ODPS-0130191:Invalid column or partition key	A column or partition key is invalid.
ODPS-0130201:View not found	The view does not exist.
ODPS-0130211:Table or view already exists	The table or view already exists. This error is often caused by repeated table or view names. When you run the Create Table/View statement, the table or view to be created already exists.
ODPS-0130221:Invalid number of arguments	The number of parameters is invalid.
ODPS-0130231:Invalid view	The view status is invalid.
ODPS-0130241:Illegal union operation	The Union action is invalid. This error is often caused by inconsistent number or type of columns at the two sides of Union .
ODPS-0130252:Cartesian product is not allowed	Cartesian products are not supported . MaxCompute does not support non-equality expressions in the ON connection in the join clause.
ODPS-0130261:Invalid schema	The metadata is invalid.
ODPS-0130271:Partition does not exist	The partition does not exist.
ODPS-0140005:Unknown exception from planner	Catch all unknown exceptions on the top layer.
ODPS-0140011:Illegal type cast	The explicit type conversion is not allowed.

Error message	Trigger condition
ODPS-0140021:Illegal implicit type cast	The implicit type conversion is not allowed.
ODPS-0140031:Invalid column reference	The column name or table name reference is invalid.
ODPS-0140041:Invalid UDF reference	The UDF name does not exist.
ODPS-0140051:Invalid function	The function is invalid.
ODPS-0140061:Invalid parameters	The input parameter is invalid.
ODPS-0140071:Unsupported operator	The operator is not supported.
ODPS-0140081:Unsupported join type	The small table performs the (left) outer join action on the big table, or the big table performs the (right) outer join action on the small table.
ODPS-0140091:Unsupported stage type	The execution plan type is not supported.
ODPS-0140105:Invalid multiple I/O	Multiple outputs cause conflict.
ODPS-0140111:Unsupported col type in EXTRACT now	Currently, EXTRACT does not support the column type.
ODPS-0140125:The path need to read has different storage type	
ODPS-0140133: Invalid structure	The data structure cannot be recognized.
ODPS-0140141: Can not remove operator with more than one children	
ODPS-0140151: Can not do topologic sort , the stages is not a DAG	The sorting algorithm is faulty.
ODPS-0140161: Invalid stage	
ODPS-0140171:Sandbox violation exception	The secure sandbox model is abnormal.
ODPS-0140181:Sql plan exception	The SQL job cannot generate the execution plan. If this error occurs, you can try resubmitting the job. If the job fails to be submitted for several times, you can open a ticket to contact us.

Error message	Trigger condition
ODPS-0123049: buffer overflow	The memory overflows. If the same key data in the join clause is too much, and the memory is insufficient to store the data, you must check whether the data is faulty.
ODPS-0140178: Internal system failure	The system is abnormal. You can retry to solve the problem.
ODPS-0420061: Invalid parameter in HTTP request - Fetched data is larger than the rendering limitation. Please try to reduce your limit size or column number.	