

Altibase 7.1.0.7.1 Patch Notes

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New Features

BUG-49617 Adds a property to configure LOB data type support to Adapter for JDBC and Adapter for Oracle.

- **module** : rp-jdbcAdapter, rp-oraAdapter
- **Category** : Usability
- **Reproducibility** : Always
- **Description** : Adds a property to configure LOB data type support to Adapter for JDBC and Adapter for Oracle.
 - ADAPTER_LOB_TYPE_SUPPORT
This property configures whether LOB data types are supported.
 - 0: LOB data type is not supported. (default)
 - 1: LOB data type is supported.

Added ADAPTER_LOB_TYPE_SUPPORT = 0 to the last line of jdbcAdapter.conf and oraAdapter.conf files. To use the LOB data type support function, ADAPTER must be restarted after changing the value to 1.
- **How to reproduce this bug**
 - **Reproduction conditions**
 - **Actual Results**
 - **Expected Results**
- **Workaround**
- **Changes**
 - Performance view
 - Property
 - Compile Option
 - Error Code

Fixed Bugs

BUG-49610 If you used FF# as the date type data type in the TO_DATE function, it accepts fewer digits than #.

- **module** : mt
- **Category** : Functionality
- **Reproducibility** : Always
- **Description** : If you used FF# as the date type data type in the TO_DATE function, it accepts fewer digits than #.

If FF6, a number of 6 digits or less is allowed. (=FF)

If FF5, a number of 5 digits or less is allowed.

If FF4, a number of 4 digits or less is allowed.

If FF3, a number of 3 digits or less is allowed.

If FF2, a number of 2 digits or less is allowed.

If FF1, a number of 1 digits or less is allowed.

- **How to reproduce this bug**

- **Reproduction conditions**

```
ALTER SESSION SET DEFAULT_DATE_FORMAT = 'YYYY-MM-DD HH:MI:SS:SSSSSS';
SELECT TO_DATE('2022-02-06 13:26:41.51001', 'yyyy-MM-dd hh24:mi:ss.ff6')
FROM DUAL;
```

- **Actual Results**

```
[ERR-21038 : Literals in the input do not match the format string.]
```

- **Expected Results**

```
2022-02-06 13:26:41:510010
```

- **Workaround**

- **Changes**

- Performance view
 - Property
 - Compile Option
 - Error Code

BUG-49625 The TO_DATE function returns incorrect results when SSSSSS is used as the date data type.

- **module** : mt
- **Category** : Functional Error
- **Reproducibility** : Always
- **Description** : Fixed an error that returned incorrect results when SSSSSS was used as the date data type in the TO_DATE function.
- **How to reproduce this bug**
 - **Reproduction conditions**

```
ALTER SESSION SET DEFAULT_DATE_FORMAT = 'YYYY-MM-DD HH:MI:SS:SSSSSS';
DROP TABLE T1 CASCADE;
CREATE TABLE T1 (C1 VARCHAR(30), C2 DATE);
INSERT INTO T1 VALUES('2022-01-11 02:17:39.958', TO_DATE('2022-01-11
02:17:39.958', 'YYYY-MM-DD HH:MI:SS.SSSSSS'));
SELECT C1, TO_CHAR(C2, 'YYYY-MM-DD HH24:MI:SS.FF3') FROM T1;
```

- **Actual Results**

```
isQL> SELECT C1, TO_CHAR(C2, 'YYYY-MM-DD HH24:MI:SS.FF3') FROM T1;
C1                                     TO_CHAR(C2, 'YYYY-MM-DDHH24:MI:SS.FF3')
-----
-
2022-01-11 02:17:39.958                2022-01-11 02:17:39.000
1 row selected.
```

- **Expected Results**

```
isQL> SELECT C1, TO_CHAR(C2, 'YYYY-MM-DD HH24:MI:SS.FF3') FROM T1;
C1                                     TO_CHAR(C2, 'YYYY-MM-DDHH24:MI:SS.FF3')
-----
-
2022-01-11 02:17:39.958                2022-01-11 02:17:39.958
1 row selected.
```

- **Workaround**
- **Changes**
 - Performance view
 - Property
 - Compile Option
 - Error Code

BUG-49630 Disable the Table OID reuse feature.

- **module** : sm
- **Category** : Other
- **Reproducibility** : Always

- **Description** : Disable the Table OID reuse feature.
- **How to reproduce this bug**
 - **Reproduction conditions**
 - **Actual Results**
 - **Expected Results**
- **Workaround**
- **Changes**
 - Performance view
 - Property
 - Compile Option
 - Error Code

Changes

Version Info

altibase version	database binary version	meta version	cm protocol version	replication protocol version
7.1.0.7.1	6.5.1	8.10.1	7.1.7	7.4.7

You can check the module version change history in [Version Histories](#).

Compatibility

Database binary version

The database binary version has not changed.

Meta Version

The meta version has not changed.

CM protocol Version

The cm protocol version has not changed.

Replication protocol Version

The replication protocol version has not changed.

Altibase Server Properties

Added Properties

Changed Properties

Deleted Properties

Performance Views

Added Performance Views

Changed Performance Views

Deleted Performance Views