

# Is My OP Running Firebird or MySQL?

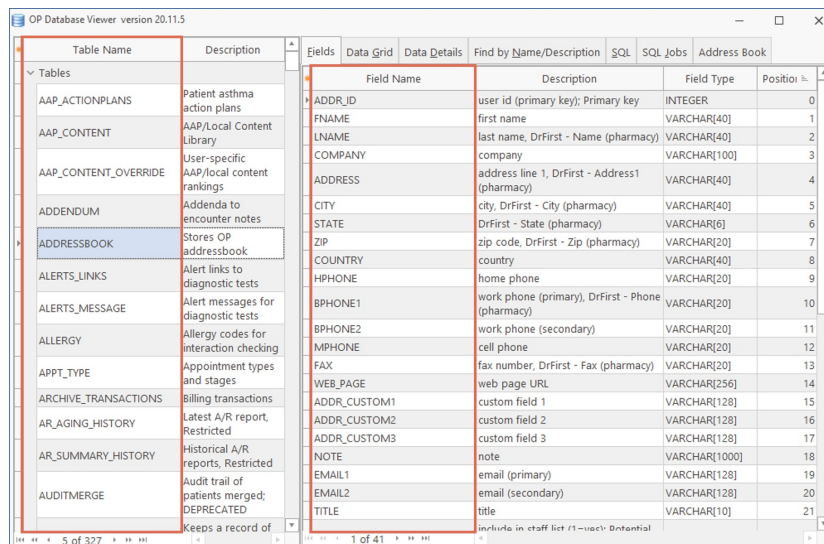
Last Modified on 03/05/2024 10:19 am EST

## Do I have MySQL or Firebird?

As you know, SQL is the database language framework on which the OP platform is built. In 2023, OP began the process of converting client databases from an older dialect of SQL called Firebird to a more standard, faster dialect called MySQL. Consequently, we currently have a mix of practices on Firebird and MySQL. While many reports work identically well without adjustment in both dialects, other Firebird reports must be slightly adjusted to accommodate differences in MySQL before they will work as expected.

While your practice will be notified before you are migrated, the easiest way to tell what dialect your database is running is:

1. Go to **Tools > Database Viewer**.
2. Look at the very far left columns of **Table** and **Field** names:
  - If these are in all caps, this means you have **Firebird** (e.g. AAP\_ACTIONPLANS, AAP\_CONTENT, AAP\_CONTENT\_OVERRIDE.)



The screenshot shows the OP Database Viewer interface. On the left, a list of tables is displayed with their names in all caps: AAP\_ACTIONPLANS, AAP\_CONTENT, AAP\_CONTENT\_OVERRIDE, ADDENDUM, ADDRESSBOOK, ALERTS\_LINKS, ALERTS\_MESSAGE, ALLERGY, APPT\_TYPE, ARCHIVE\_TRANSACTIONS, AR\_AGING\_HISTORY, AR\_SUMMARY\_HISTORY, and AUDITMERGE. On the right, the fields for the selected table (ADDRESSBOOK) are listed, also in all caps: ADDR\_ID, FNAME, LNAME, COMPANY, ADDRESS, CITY, STATE, ZIP, COUNTRY, HPHONE, BPHONE1, BPHONE2, MPHONE, FAX, WEB\_PAGE, ADDR\_CUSTOM1, ADDR\_CUSTOM2, ADDR\_CUSTOM3, NOTE, EMAIL1, EMAIL2, and TITLE. The field types and positions are also visible.

- By contrast, if you look at the very far left column of Table and Field names and see lower case this means you are running **MySQL** (e.g. aap\_actionplans, aap\_content, aap\_content\_override):

OP Database Viewer version 20.11.5

Table Name	Description	Field Name	Description	Field Type	Position
a_transactionsq	Claim transmission queue	id	ADDENDUM ID; Primary key	int not null	1
aap_actionplans	Patient asthma action plans	addr_id	Logged in user ID; Foreign key: ADDRESSBOOK.ADDR_ID	int null default null	2
aap_content	AAP/Local Content Library	add_date	Date addendum was created	datetime null default null	3
aap_content_override	User-specific AAP/local content rankings	enc_type	Type of visit addendum is attached to, physical or encounter; Potential values: PHYSICAL, ENC_NOTE	varchar(20) null default null	4
addendum	Addenda to encounter notes	enc_id	Visit ID for physical or encounter; Foreign key: PHYSICAL_ENC_NOTE.TRANSNO, NOTE_ID	int null default null	5
addressbook	Stores OP addressbook	privacy_level	Addendum visibility; Foreign reference: CODE_TABLE.STAFFNOTE; Other info: GROUP_ID = 18	char(1) null default null	6
alerts_links	Alert links to diagnostic tests	by_patient	Patient is source flag; Potential values: 0, 1	smallint null default 0	7
alerts_message	Alert messages for diagnostic tests	add_note	Addendum note	text null default null	8
allergy	Allergy codes for interaction checking	requested_by		varchar(25) null default null	9
appt_type	Appointment types and stages	request_date		datetime null default null	10
ar_aging_history	Latest A/R report, Restricted	request_status		varchar(10) null default null	11
ar_summary_history	Historical A/R reports, Restricted	approved_by		int null default null	12
archive_transactions	Billing transactions	approval_date		datetime null default null	13
audit_action	Audit trail of user/system actions				

Knowing what dialect you're running helps us helps you faster!

## Transitioning from Firebird to MySQL

When your practice transitions from Firebird to MySQL, you will need to update your report set. While many Firebird SQLs work perfectly fine in MySQL, many do not. You will need to get new, MySQL versions of these reports.