

Modify database and table charsets

The database and tables of Translate5 must be configured with the charset utf8mb4 and the collation utf8mb4_unicode_ci.

If this is not the case the following steps can be done to fix it.



First of all create a DB backup!

```
-- make an overview which tables are not in utf8. If there are any translate5 related tables not in utf8 see
the below steps to convert.
SELECT SCHEMA_NAME, DEFAULT_CHARACTER_SET_NAME, DEFAULT_COLLATION_NAME FROM INFORMATION_SCHEMA.SCHEMATA;
SELECT TABLE_CATALOG, TABLE_SCHEMA, TABLE_NAME, COLUMN_NAME, COLLATION_NAME, CHARACTER_SET_NAME from
information_schema.columns where CHARACTER_SET_NAME != 'utf8mb4';

-- convert the default DB charset:
ALTER DATABASE YOUR_DB_NAME CHARACTER SET utf8mb4 COLLATE utf8mb4_unicode_ci;

-- convert the tables which are not in the right charset:
ALTER TABLE YOUR_TABLE_NAME_HERE CONVERT TO CHARACTER SET utf8mb4 COLLATE utf8mb4_unicode_ci;
```