

Foreign Keys

This page describes some ClustrixDB-specific behavior of foreign keys

Supported with Foreign Keys

ClustrixDB supports foreign keys and maintains referential integrity by default.

Unsupported with Foreign Keys

- ClustrixDB does not support the referential action SET DEFAULT.

Caveats with Foreign Keys

- ClustrixDB does not allow foreign keys with non-unique parents with referential actions CASCADE or SET NULL. When a schema with a foreign key referencing a non-unique parent is created or altered and uses CASCADE or SET NULL, ClustrixDB will provide an error message.
- ClustrixDB does not validate that foreign keys reference columns with the same data type.
- If dangling foreign key references are created when `foreign_key_checks` is disabled, subsequent inserts will succeed even if `foreign_key_checks` is enabled.
- ClustrixDB allows self-referencing foreign keys.
- ClustrixDB does not require a key length to be specified when a foreign key references a BLOB or TEXT column.
- When adding or dropping a foreign key, the reported number of rows affected does not reflect the actual number of rows.