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| --- | --- | --- | --- |
| org.hibernate.type.StringType | string | VARCHAR | string, java.lang.String |
| org.hibernate.type.MaterializedClob | string | CLOB | materialized\_clob |
| org.hibernate.type.TextType | string | LONGVARCHAR | text |
| org.hibernate.type.CharacterType | char, java.lang.Character | CHAR | char, java.lang.Character |
| org.hibernate.type.BooleanType | boolean | BIT | boolean, java.lang.Boolean |
| org.hibernate.type.NumericBooleanType | boolean | INTEGER, 0 is false, 1 is true | numeric\_boolean |
| org.hibernate.type.YesNoType | boolean | CHAR, 'N'/'n' is false, 'Y'/'y' is true. The uppercase value is written to the database. | yes\_no |
| org.hibernate.type.TrueFalseType | boolean | CHAR, 'F'/'f' is false, 'T'/'t' is true. The uppercase value is written to the database. | true\_false |
| org.hibernate.type.ByteType | byte, java.lang.Byte | TINYINT | byte, java.lang.Byte |
| org.hibernate.type.ShortType | short, java.lang.Short | SMALLINT | short, java.lang.Short |
| org.hibernate.type.IntegerTypes | int, java.lang.Integer | INTEGER | int, java.lang.Integer |
| org.hibernate.type.LongType | long, java.lang.Long | BIGINT | long, java.lang.Long |
| org.hibernate.type.FloatType | float, java.lang.Float | FLOAT | float, java.lang.Float |
| org.hibernate.type.DoubleType | double, java.lang.Double | DOUBLE | double, java.lang.Double |
| org.hibernate.type.BigIntegerType | java.math.BigInteger | NUMERIC | big\_integer |
| org.hibernate.type.BigDecimalType | java.math.BigDecimal | NUMERIC | big\_decimal, java.math.bigDecimal |
| org.hibernate.type.TimestampType | java.sql.Timestamp | TIMESTAMP | timestamp, java.sql.Timestamp |
| org.hibernate.type.TimeType | java.sql.Time | TIME | time, java.sql.Time |
| org.hibernate.type.DateType | java.sql.Date | DATE | date, java.sql.Date |
| org.hibernate.type.CalendarType | java.util.Calendar | TIMESTAMP | calendar, java.util.Calendar |
| org.hibernate.type.CalendarDateType | java.util.Calendar | DATE | calendar\_date |
| org.hibernate.type.CurrencyType | java.util.Currency | VARCHAR | currency, java.util.Currency |
| org.hibernate.type.LocaleType | java.util.Locale | VARCHAR | locale, java.utility.locale |
| org.hibernate.type.TimeZoneType | java.util.TimeZone | VARCHAR, using the TimeZone ID | timezone, java.util.TimeZone |
| org.hibernate.type.UrlType | java.net.URL | VARCHAR | url, java.net.URL |
| org.hibernate.type.ClassType | java.lang.Class | VARCHAR, using the class name | class, java.lang.Class |
| org.hibernate.type.BlobType | java.sql.Blob | BLOB | blog, java.sql.Blob |
| org.hibernate.type.ClobType | java.sql.Clob | CLOB | clob, java.sql.Clob |
| org.hibernate.type.BinaryType | primitive byte[] | VARBINARY | binary, byte[] |
| org.hibernate.type.MaterializedBlobType | primitive byte[] | BLOB | materized\_blob |
| org.hibernate.type.ImageType | primitive byte[] | LONGVARBINARY | image |
| org.hibernate.type.BinaryType | java.lang.Byte[] | VARBINARY | wrapper-binary |
| org.hibernate.type.CharArrayType | char[] | VARCHAR | characters, char[] |
| org.hibernate.type.CharacterArrayType | java.lang.Character[] | VARCHAR | wrapper-characters, Character[], java.lang.Character[] |
| org.hibernate.type.UUIDBinaryType | java.util.UUID | BINARY | uuid-binary, java.util.UUID |
| org.hibernate.type.UUIDCharType | java.util.UUID | CHAR, can also read VARCHAR | uuid-char |
| org.hibernate.type.PostgresUUIDType | java.util.UUID | PostgreSQL UUID, through Types#OTHER, which complies to the PostgreSQL JDBC driver definition | pg-uuid |
| org.hibernate.type.SerializableType | implementors of java.lang.Serializable | VARBINARY | Unlike the other value types, multiple instances of this type are registered. It is registered once under java.io.Serializable, and registered under the specific java.io.Serializable implementation class names. |