

Hibernate hbm2ddl.auto possible values and what they do?



I really want to know more about the update, export and the values that could be given to `hibernate.hbm2ddl.auto`

646 I need to know when to use the update and when not? And what is the alternative?

These are changes that could happen over DB:

- New tables
- new columns in old tables
- columns deleted
- data type of a column changed
- a type of a column changed its attributes
- tables have been dropped
- values of a column has changed

In each case what is the best solution?

java hibernate hbm2ddl

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edited Mar 27 '14 at 10:31



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asked Jan 13 '09 at 6:40

Suzan

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10 Answers

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From the [community documentation](#):

681

`hibernate.hbm2ddl.auto` Automatically validates or exports schema DDL to the database when the `SessionFactory` is created. With `create-drop`, the database schema will be dropped when the `SessionFactory` is closed explicitly.

e.g. `validate` | `update` | `create` | `create-drop`

So the list of possible options are,

- *validate*: validate the schema, makes no changes to the database.
- *update*: update the schema.
- *create*: creates the schema, destroying previous data.
- *create-drop*: drop the schema at the end of the session.

These options seem intended to be developers tools and not to facilitate any production level databases, you may want to have a look at the following question; [Hibernate: hbm2ddl.auto=update](#)