Subject: Creating a TIMESTAMP column in MySQL
Posted by bushman on Sun, 01 May 2011 14:46:54 GMT
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Hi, all!

Is there any .sch file macro for CREATEing a column like
'`my_column_id` TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP'
in a MySQL DB?

Is it what MySqlSchema.h macro TIMESTAMP(ts) does, i.e. creates a column that defaults to CURRENT_TIMESTAMP?

If so, could anyone give me an example on how to use it?

I've tried
TIME_ (MY_COLUMN_ID) TIMESTAMP("CURRENT_TIMESTAMP"),
it compiled fine, but the resulting CREATE TABLE statement defaults column to NULL.

Thank you all in advance!

Subject: Re: Creating a TIMESTAMP column in MySQL
Posted by bushman on Sun, 01 May 2011 16:23:46 GMT
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I figured out myself one way on how to do it:

COLUMN_("TIMESTAMP", Time, MY_COLUMN_ID, 0, 0)

The following column results from the code above:
MY_COLUMN_ID timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP

Now, how do I get rid of the 'ON UPDATE CURRENT_TIMESTAMP' part?

Many thanks!

Subject: Re: Creating a TIMESTAMP column in MySQL
Posted by zsolt on Sun, 01 May 2011 18:08:35 GMT
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Hello, I don't know, what that TIMESTAMP(ts) is for, but you can use something like
COLUMN  ("timestamp", Time, RECORD_CREATED, 0, 0) NOT_NULL SQLDEFAULT(CURRENT_TIMESTAMP)

BTW any idea fom anybody about that TIMESTAMP(ts) macro in MySqlSchema.h?

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Subject: Re: Creating a TIMESTAMP column in MySQL
Posted by bushman on Sun, 01 May 2011 20:00:47 GMT
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I've tried that, but it doesn't compile. Actually, a file search for SQLDEFAULT produces

C:\upp\uppsrc\Oracle\OracleSchema.h(51):#define SQLDEFAULT(v) INLINE_ATTRIBUTE("default " v)
C:\upp\uppsrc\plugin\sqlite3\Sqlite3Schema.h(74):#define SQLDEFAULT(v) INLINE_ATTRIBUTE("default " #v)
C:\upp\uppsrc\PostgreSQL\PostgreSQLSchema.h(71):#define SQLDEFAULT(v) INLINE_ATTRIBUTE("default " #v)

, and there seems to be no definition for MySqlSchema.

I finally managed to get what I want by compiling
 COLUMN_("TIMESTAMP", Time, RECORD_CREATED, 0, 0) ATTRIBUTE("ALTER TABLE @t change column @c @c timestamp not null default current_timestamp;", ";")

, which yields
RECORD_CREATED timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP

Now, what about that?

Thanks!

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Subject: Re: Creating a TIMESTAMP column in MySQL
Posted by zsolt on Mon, 02 May 2011 07:03:52 GMT
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#define SQLDEFAULT(v)   INLINE_ATTRIBUTE("default " #v)
Line is missing from MySqlSchema.h. It seems to be a bug.

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Subject: Re: Creating a TIMESTAMP column in MySQL
Posted by bushman on Mon, 02 May 2011 15:53:18 GMT
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Patch included in MySqlSchema.h as suggested, column successfuly created as wanted.

Thank you!

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Subject: Re: Creating a TIMESTAMP column in MySQL
Posted by mirek on Wed, 04 May 2011 18:01:49 GMT
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Patch applied. Thank you.

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