

Bugs & Wish list

last_insert_id() is mysql-specific - need to replace with ADODB equivalent | Tiki Wiki CMS Groupware :: Development

last_insert_id() is mysql-specific - need to replace with ADODB equivalent

Status

✖ Closed

Subject

last_insert_id() is mysql-specific - need to replace with ADODB equivalent

Version

1.9.x

2.x

Category

- Error

Feature

Database MySQL (MyISAM)

Trackers

i18n (Multilingual, l10n, Babelfish)

Resolution status

Fixed or Solved

Submitted by

Michael Davey

Volunteered to solve

Michael Davey

Lastmod by

Michael Davey, lindon

Rating

★ ★ ★ ★ ★ (0) ?

Description

last_insert_id() is used in SQL in a couple of places in TikiWiki. This is a mysql-specific function that breaks functionality when other databases are used.

For TikiWiki CVS HEAD (1.10):

```
lib/articles/artlib.php:152: $query = "select `subId` from `tiki_submissions` where  
`subId`=last_insert_id());
```

```
lib/multilingual/multilinguallib.php:28: $query = "insert into `tiki_translated_objects`  
(`type`,`objId`,`traId`,`lang`) values (?,?,last_insert_id(),?)";
```

Also present in TikiWiki 1.9.x

Reported by Thrain - thanks.

Solution

\$adodb->genID() ?

mo0co0 says:

The proposed solution adodb.genID() is unpractical to use because it emulates

sequences in MySQL by using a dedicated table with one row and one column for each sequence. This would have to be done throughout the codebase. Instead I used the the quick and dirty approach taken in other places by simply querying for the just inserted tuple.

fix by mo0co0:

```
diff -u -d -r1.40.2.10 -r1.40.2.11
```

```
artlib.php 5 May 2005 08:55:15 -0000 1.40.2.10 +++ artlib.php 2 Oct 2005 19:14:09 -0000
1.40.2.11
@@ -149,8 +149,9 @@
$result = $this->query($query,array($title,$authorName,(int) $topicId,$useImage,$imgname,(int)
$imgsize,$imgtype,
$imgdata,(int) $publishDate,(int) $expireDate, (int) $now,$heading,$body,$hash,$user,0,0,0,(int)
$size,$topicName,(int) $image_x,
(int) $image_y,$type,(float) $rating,$isfloat,$topline, $subtitle, $linkto, $image_caption, $lang));
- $query = "select `subId` from `tiki_submissions` where `subId`=last_insert_id()";
- $id = $this->getOne($query);

+ // Fixed query. -edgar + $query = "select max(`subId`) from `tiki_submissions` where `created` =
? and `title`= ? and `hash`= ?"; + $id = $this->getOne($query, array( (int) $now, $title, $hash ) );
}

$emails = $notificationlib->get_mail_events('article_submitted', '*');

--
Fixed in 1.9.2-pre; awaiting merge for CVS head (1.10)
```

Importance

5

Priority

25

Demonstrate Bug (Tiki 19+)

Please demonstrate your bug on show2.tiki.org

Version: trunk ▼

Demonstrate Bug (older Tiki versions)

Ticket ID

349

Created

Sunday 02 October, 2005 15:27:02 GMT-0000
by Unknown

LastModif

Sunday 18 June, 2017 22:53:40 GMT-0000

Comments

Attachments

filename	created	hits	comment	version	filetype
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No attachments for this item

The original document is available at
https://dev.tiki.org/item349-last_insert_id-is-mysql-specific-need-to-replace-with-ADODB-equivalent