Core - Bug # 15675

Status:	Closed	Priority:	Should have
Author:	old_sapperlot	Category:	
Created:	2006-02-19	Assigned To:	Karsten Dambekalns
Updated:	2011-05-30	Due date:	

TYPO3 Version:	3.8.1
PHP Version:	5
Complexity:	
Is Regression:	
Sprint Focus:	

Subject:	Backend Login Problem

Description

This is a comment to Bug ID 0002059:

There is a login problem to the backend of the quickstart package (probably also in other packages) due to a missing Defalt value of a NOT NULL field in the database.
Here are my findings to this issue:
In the sql script to create the db (database.sql in typo3conf) the following table creation statement is made:

CREATE TABLE `be_sessions` (
  `ses_id` varchar(32) NOT NULL default '',
  `ses_name` varchar(32) NOT NULL default '',
  `ses_userid` int(11) unsigned NOT NULL default '0',
  `ses_tstamp` int(11) unsigned NOT NULL default '0',
  `ses_data` mediumblob NOT NULL,
  `ses_iplock` varchar(39) NOT NULL default '',
  `ses_hashlock` int(11) NOT NULL default '0',
  PRIMARY KEY (`ses_id`,`ses_name`)
) TYPE=MyISAM;

Thereby the ses_data field is declared NOT NULL but no default value is given.

In class.t3lib_userauth.php an INSERT call to be_sessions table is made:
    /**
     * Creates a user session record.
     *
     * @param   array   user data array
     * @return   void
     */
     function createUserSession ($tempuser) {
    if ($this->writeDevLog)   t3lib_div::devLog('Create session ses_id = '.$this->id, 't3lib_userAuth');
    // delete session entry first
        $GLOBALS['TYPO3_DB']->exec_DELETEquery(
                $this->session_table,
            'ses_id = '.$GLOBALS['TYPO3_DB']->fullQuoteStr($this->id, $this->session_table).'
                AND ses_name = '.$GLOBALS['TYPO3_DB']->fullQuoteStr($this->name, $this->session_table)
            );
    // re-create session entry
        $insertFields = array(
            'ses_id' => $this->id,

```
        'ses_name' => $this->name,
        'ses_iplock' => $tempuser['disableIPlock'] ? '[DISABLED]' : $this->ipLockClause_remoteIPNumber($this->lockIP),
        'ses_hashlock' => $this->hashLockClause_getHashInt(),
        'ses_userid' => $tempuser[$this->userid_column],
        'ses_tstamp' => $GLOBALS['EXEC_TIME']
    );
    $GLOBALS['TYPO3_DB']->exec_INSERTquery($this->session_table, $insertFields);
```

However no value for the ses_data field is givn. Thus the Insert statement fails and also the whole login procedure.

My workareound is to allow the ses_data field to be NULL. However as newbie I have no idea what this field is for and if there is a routine which will fail because of a NULL value in the ses_data.

Please let me know if my workaround will lead to problems in other routines of typo3. Sens an email to matrix.psz@web.de

PS: This bug almost kept me from further evaluating typo3 and should be removed very fast from the starter package, because probably a lot of people will not look any further into the problem if they can't login into an evaluation installation.

PPS: How can I write a follow up note to a bug ?
(issue imported from #M2634)

Related issues:

| related to Core - Bug # 15295: Unable to login into BE when using MySQL 5+ | **Closed** | 2005-12-19 |
| related to Core - Bug # 16809: FIX FOR Typo3 basic tables definition not comp... | **Closed** | 2006-12-22 |

History

#1 - 2006-02-19 22:42 - old_sapperlot

Additional Note: Please check chapter 11.1.4 in the MySQL 5.0 Manual for the differences between MySQL Versions < 5.0.3 and > 5.0.3 about DEFAULT values.

Since no DEFAULT value can be specified for a BLOB field either allow NULL values or specify a value at each insert statement.

#2 - 2006-02-22 13:00 - Karsten Dambekalns

This should be fixed in 4.0beta3, as we disregard NOT NULL definitions completely now. Please confirm... Thanks!

#3 - 2006-07-01 10:56 - Karsten Dambekalns

I just checked with current code, the field is still defined that way, but I have no problems logging in with MySQL 5.0.22. If you still experience this bug, please reopen.