

Core - Bug # 14139

Status:	Closed	Priority:	Could have
Author:	Ingmar Schlecht	Category:	Install Tool
Created:	2004-05-03	Assigned To:	Ingmar Schlecht
Updated:	2006-08-12	Due date:	
TYPO3 Version:	3.8.0beta2		
PHP Version:			
Complexity:			
Is Regression:			
Sprint Focus:			
Subject:	Install tool is incapable of comparing modern database dumps		
Description	<p>When I use the "Database Analyzer" of the Typo3 install tool to compare the current database to the file typo3conf/database.sql it shows me lots of differences although the current database is in fact exactly the same as the database.sql file so there should NOT be ANY difference.</p> <p>When I look closer at it, I see that the only differences Typo3 finds is the order of things.</p> <p>It says it needs to do this...</p> <pre>ALTER TABLE be_groups CHANGE tstamp tstamp int(11) unsigned NOT NULL default '0';</pre> <p>...because the current value is this:</p> <pre>int(11) unsigned DEFAULT '0' NOT NULL</pre> <p>This bug is present in the install tool as well as in the extension manager.</p> <p>I might be able to provide a fix for this when I've got some spare time, so I'll assign this bug to me. (issue imported from #M55)</p>		
Related issues:			
related to Core - Bug # 14354: MySQL gt 4.1 no default value for auto inc	Closed	2004-10-12	
duplicated by Core - Bug # 14336: Database analyzer gives stupid Alter statem...	Closed	2004-09-22	

History

#1 - 2004-05-06 17:33 - Ingmar Schlecht

quick and DIRTY (!) fix for t3lib_install:

Replace the line:

```
} elseif (strcmp($FDcomp[$stable][$theKey][$fieldN], $fieldC)){
```

with:

```
} elseif (strcmp($this->getNormalizedFieldDefinition($fieldC), $this->getNormalizedFieldDefinition($FDcomp[$stable][$theKey][$fieldN]))){
```

And somewhere below insert this new function:

```
function getNormalizedFieldDefinition($FD) {
    // remove duplicate spaces and convert to upper case
    $FD = ereg_replace(' +', ' ', strtoupper($FD));
    $mysqlExpressions = array(
        'NOT NULL' => 'not_null',
```

```

"DEFAULT \"([^\"]*)\" => 'default_\\1', // DOES THIS DOES NOT WORK STABLE!
);
foreach($mysqlExpressions as $mysqlExpression => $replacement) {
    $FD = ereg_replace($mysqlExpression,$replacement,$FD);
}
if(strpos($FD,'AUTO_INCREMENT')) {
    $FD = str_replace('default_0','',$FD);
}
$parts = t3lib_div::trimExplode(' ', $FD);
sort($parts);
if(!strcmp($parts[0],"")) unset ($parts[0]);
return implode($parts,',');
}

```

#2 - 2004-07-01 03:14 - old_facorreia

I have a similar situation, but it is not only the order of things:

```

ALTER TABLE be_groups CHANGE uid uid int(11) unsigned NOT NULL auto_increment;
Current value: int(11) unsigned DEFAULT '0' NOT NULL auto_increment

```

The difference is that the Current value has DEFAULT '0' and the definition doesn't.

#3 - 2005-04-18 13:50 - Michael Stucki

Should be fixed in 3.8.0beta2 - please reopen if this is wrong.

#4 - 2005-04-27 22:24 - Peter Niederlag

I still find these problems wit 3.8.0beta2 as well as current HEAD.

Install-Tool->Update required tables->COMPARE

```

ALTER TABLE be_groups CHANGE uid uid int(11) DEFAULT '0' NOT NULL auto_increment;
Current value: int(11) unsigned DEFAULT '0' NOT NULL auto_increment

```

.....
.....

#5 - 2005-05-10 09:52 - Peter Niederlag

seems finally solved.

Thx to all bugfixers