

## Core - Bug # 67288

<b>Status:</b>	Resolved	<b>Priority:</b>	Should have
<b>Author:</b>	Morton Jonuschat	<b>Category:</b>	DBAL
<b>Created:</b>	2015-06-03	<b>Assigned To:</b>	
<b>Updated:</b>	2015-07-01	<b>Due date:</b>	
<b>TYPO3 Version:</b>	7		
<b>PHP Version:</b>	5.6		
<b>Complexity:</b>			
<b>Is Regression:</b>	No		
<b>Sprint Focus:</b>			
<b>Subject:</b>	Field types don't get properly translated to MySQL types		
<b>Description</b>			

DBAL doesn't seem to properly convert the field types returned in `admin_get_fields()` to MySQL types.

When doing a database compare with DBAL enabled I get results like this:

```
ALTER TABLE be_sessions CHANGE ses_backuserid ses_backuserid int(11) NOT NULL default '0';
```

Current value: (8) default '0'

<pre>

Real field type is int8 / BIGINT which is often denoted as INT(8). The type information (INT) is being lost completely. The same is true for every other field type encountered

TYPO3 7.3-dev

PostgreSQL 9.4

### Related issues:

related to Core - Epic # 64459: Make TYPO3 run on PostgreSQL

**New**

**2015-01-23**

related to Core - Task # 67297: Move MySQL / DBMS field type translation into...

**Resolved**

**2015-06-04**

### Associated revisions

**Revision b1059192 - 2015-06-08 09:10 - Morton Jonuschat**

[TASK] dbal: Move MySQL / DBMS field type translation into DBMS Specifics

□

The function used by the DBAL provide a very coarse and generic translations between the ADb meta types and the MySQL native types. This results in ambiguities that can't properly be resolved and leads to changes in the install tool schema migration that can never be resolved.

□

The default DBMS specifics provided resemble the current output of the functions and don't result in any changes to the DBMS schema.

□

Resolves: #67297

Related: #67290

Related: #67288

Releases: master

Change-Id: Id26a897c7f43520edd188e0bd2ddb158507c8049

Reviewed-on: <http://review.typo3.org/39954>

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## Revision 8d09ff5c - 2015-07-01 09:29 - Morton Jonuschat

[BUGFIX] dbal: return field type information from admin\_get\_fields()

□

Deprecate MetaType() which always returned an empty meta fieldtype with DBAL and move function to getMetadata(). The signature for getMetadata() includes the field information for the query so that the cached field metatype can be used before resorting to querying the DBMS.

□

Resolves: #67288

Releases: master

Change-Id: I57dbd7501c9e7a62f2164fb755f1d1a73da01a05

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## History

### #1 - 2015-06-04 00:42 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/39941>

### #2 - 2015-06-04 10:46 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/39941>

### **#3 - 2015-06-05 08:57 - Gerrit Code Review**

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/39941>

### **#4 - 2015-06-05 10:03 - Gerrit Code Review**

Patch set 5 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/39941>

### **#5 - 2015-06-05 10:30 - Gerrit Code Review**

Patch set 6 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/39941>

### **#6 - 2015-06-08 10:16 - Gerrit Code Review**

Patch set 7 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/39941>

### **#7 - 2015-06-10 09:52 - Gerrit Code Review**

Patch set 8 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/39941>

### **#8 - 2015-07-01 09:29 - Morton Jonuschat**

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset commit:8d09ff5c8e91c11a8332c610fd499c831a4cb1d1.