Core - Bug # 21730

Status:	Closed	Priority:	Should have
Author:	Xavier Perseguers	Category:	DBAL
Created:	2009-11-29	Assigned To:	Xavier Perseguers
Updated:	2010-02-22	Due date:	

TYPO3 Version:	
PHP Version:	
Complexity:	
Is Regression:	
Sprint Focus:	
Subject:	ALTER TABLE is not able to parse length restriction in index creation (Oracle)

Description

When installing RealURL, table tx_realurl_uniqalias contains a length restriction on field value_alias for index/key bk_realurl02. The length restriction is properly parsed during the table creation process (thanks to change #16689).

Now, due to #16689, the index cannot be actually created because its generated identifier name, in Oracle, is too long, DBAL wants to create it with name tx_realurl_uniqalias_bk_realurl02 which is 33 character wide and greater than the Oracle limit which is 30 characters and not even 32 as reported sometimes. As such, Install Tool asks us to ALTER TABLE tx_realurl_uniqalias to create the missing index:

ALTER TABLE tx_realurl_uniqalias ADD KEY bk_realurl02 (tablename,field_alias,field_id,value_alias(220),expire);

However length limit, although properly parsed in CREATE TABLE statements, is not handled when found in ALTER TABLE statements and trying to perform the change leads to a parser error:

ERROR: Query could not be parsed: "SQL engine parse ERROR: No) parenthesis in list: near "(220),expire) "". Query: "ALTER TABLE tx_realurl_uniqalias ADD KEY bk_realurl02 (tablename,field_alias,field_id,value_alias(220),expire);"

(issue imported from #M12829)

Related issues:		
related to Core - Bug # 16292: installer doesn't cope with maximum table and ...	New	2006-06-27
related to Core - Bug # 21719: Install Tool can not create cachingframework d...	Closed	2009-11-27
related to Core - Bug # 16689: Index on tx_realurl_uniqalias breaks with DBAL	Closed	2006-11-06

History

#1 - 2010-02-14 18:47 - Xavier Perseguers

Committed to Core:

- trunk (rev. 6902)
- 4-3 (rev. 6903)

Committed to DBAL:

- trunk (rev. 30009)
- 1-0 (rev. 30010)

Files

12829_core.diff	561 Bytes	2010-02-14	Administrator Admin
12829_dbal.diff	1.1 kB	2010-02-14	Administrator Admin