

Core - Bug # 49186

Status:	Resolved	Priority:	Should have
Author:	Christian Kuhn	Category:	Install Tool
Created:	2013-06-17	Assigned To:	
Updated:	2013-08-27	Due date:	2013-06-24
TYPO3 Version:	6.2		
PHP Version:	5.4		
Complexity:	medium		
Is Regression:			
Sprint Focus:			
Subject:	Install tool: DB port setting magic		
Description			
<p>Currently, the "DatabaseConnect" step is executed, if a "port" setting is missing in typo3_conf_vars db. This is technically ok, since after switch to mysqli in 6.1, the connect methods needs a port setting.</p> <p>Currently, the bootstrap db connect method tries a split of the former host setting into host and port and then sets the port silently. This is a bit ugly, since this is performed on each and every request. Furthermore, the split can fail, if a ipv6 address is given with a port (eg. [::1]:3306)</p> <p>Thus, I suggest to let the bootstrap just redirect to install tool if port is missing, and then implement a solid "silent upgrade" within the database connect class of the step installer before "needsExecution" is done. This way, if the silent upgrade is ok, the step won't come up. Furthermore, the bootstrap code can be cleaned up from this implicit upgrade.</p> <p>There is another ticket in this area, regarding 'socket' connection to db. This could also be implemented in the DatabaseConnect then, maybe with a checkbox if host is localhost, no port is needed then.</p> <p>Furthermore, it is important to note that the mysqli connect method ignores the port setting, if host is set to 'localhost' and not '127.0.0.1', so another "silent upgrade" could switch from string 'localhost' to '127.0.0.1' if the port setting is not the default mysql port 3306.</p>			
Related issues:			
related to Core - Bug # 48117: Mysql Socket connection fails.		Resolved	2013-05-12
follows Core - Task # 49162: Rewrite install tool		Resolved	2011-10-30

Associated revisions

Revision 45cbe771 - 2013-08-27 17:12 - Michiel Roos

[FEATURE] Install tool database port detection

The patch adds better auto detection of port settings to install tool step action "database connect". If everything works out, the database connect step is not rendered anymore during upgrading which is the case without the patch.

- Split port off from IP only if IPv4 is used
- Get default or configured port for connection test
- Store port, host and socket on success and redirect to self

Change-Id: Ia5b53fc7eff60c5b2613ecee35cd5ee699e141ca

Resolves: #49186

Releases: 6.2

Reviewed-on: <https://review.typo3.org/23332>

Reviewed-by: Kai Ole Hartwig

Tested-by: Kai Ole Hartwig

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

History

#1 - 2013-06-21 20:02 - Ernesto Baschny

Do not change "localhost" with "127.0.0.1", as the first one connects through a SOCKET and the second one through TCP/IP. It requires different authentication to MySQL and potentially MySQL is not even listening on 127.0.0.1 (just a socket).

#2 - 2013-08-26 21:07 - Gerrit Code Review

- *Status changed from New to Under Review*

Patch set 1 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/23332>

#3 - 2013-08-27 16:10 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/23332>

#4 - 2013-08-27 17:30 - Michiel Roos

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset commit:45cbe771497973c0e67a2771f988f0c41b068d17.