

Core - Bug # 51956

Task # 49162 (Resolved): Rewrite install tool

Status:	Resolved	Priority:	Must have
Author:	Alexander Opitz	Category:	Install Tool
Created:	2013-09-12	Assigned To:	
Updated:	2013-09-26	Due date:	
TYPO3 Version:	6.2		
PHP Version:			
Complexity:			
Is Regression:	No		
Sprint Focus:			
Subject:	Install Tool does not ask for database settings		
Description			
After first page in installation I will be redirected to			
<code>/typo3/sysex/Install/Start/Install.php?install[context]=standalone&install[controller]=step&install[action]=databaseSelect</code>			
where I can select a database. This connection will be done with username "", password "" on localhost. There is no ask for database credentials.			
This seems to be the follow up of #51667: "Inf. redirection loop after first Step of Install Tool" after #51433: "Install tool: Refactor database connect configuration settings".			
Related issues:			
related to Core - Bug # 51667: Inf. redirection loop after first Step of Inst...		Closed	2013-09-03
related to Core - Bug # 51540: Check for host before connect to database		Resolved	2013-08-29

Associated revisions

Revision 0d2a39b6 - 2013-09-26 23:00 - Nicole Cordes

[BUGFIX] Install tool uses empty database settings

Some systems allow to connect with empty username / password configuration to the database. Although this is not wrong the install tool should always ask for database credentials for new installations. This patch prevents the install tool from setting an empty username and password as default values without manually submitting the form.

Resolves: #51540

Resolves: #51956

Releases: 6.2

Change-Id: Ic245635bf649f4ad477d793eda658096ed659aa0

Reviewed-on: <https://review.typo3.org/23866>

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Reviewed-by: Markus Klein

Tested-by: Markus Klein

History

#1 - 2013-09-12 15:40 - Alexander Opitz

- Parent task set to #49162

#2 - 2013-09-12 16:07 - Christian Kuhn

If your db allows successful authentication with empty username and password (which is unlikely and hopefully only the case on dev systems), then the step is not rendered. This is correct so far.

The other option is to not allow empty user + pass, but then those people who use this will scream ... any ideas?

#3 - 2013-09-13 08:59 - Alexander Opitz

Yes, that's on a dev system.

As there is no LocalConfiguration.php we have no settings yet. So the question is, where does this configuration come from?

Also for users which have user+pass empty on their dev systems, they can't change the database driver. For example if they try to install TYPO3 with oracle. So my idea is to differ between an empty setting and no setting.

#4 - 2013-09-13 16:24 - Christian Kuhn

For various reasons, default settings are calculated during this install step before the step is rendered. in this process username + pass are set to empty string if not set.

What you want is basically:

If in "first install" processes, and if username + password are empty, and if connect is successful, then still force rendering of the connect step exactly once and show some message "hey, i've detected that a connect with empty user+pass is possible. if you do not want that then please change the settings now".

Problem is that it is not simple to ensure this step only comes up once during the installation and not all the time, because of the redirect logic in the step installer. And I do not want to store yet another setting in LocalConfiguration to track this state. Maybe we could track this info in the install tool session, that may be the most clever idea. Still, a construct like that will uglify the code and add even more complexity to this pretty complex class.

Imho, this topic is not a blocker and more a minor glitch for a (hopefully) rare edge case. Whats your feeling on this issue, Alex? If you think it is more important, I could try to see how it feels to solve this in the code ...

#5 - 2013-09-13 16:48 - Markus Klein

IMHO: It should somehow be possible to change the empty user/pwd, because otherwise it is very likely that the insertion of data fails afterwards, since it is very unlikely that an anonymous user has write access to the whole DB.

#6 - 2013-09-13 17:05 - Alexander Opitz

in this process username + pass are set to empty string if not set.

Then this isn't a good handling, you can't predict some defaults and don't give the user the possibility to change them. You will need a way around, also for other settings. For example if IM and GM is installed you may default to IM but if the user wants to work with GM or another one in another directory?

So we need a generalized form for such things or we can't skip such steps.

#7 - 2013-09-13 17:34 - Chris topher

- Subject changed from *Install Tool: No ask for database settings* to *Install Tool does not ask for database settings*

#8 - 2013-09-13 23:11 - Christian Kuhn

@Alex: Ok for the db thing. Steffen Mueller now also mentioned this detail ... it seems we will have to solve that ...

But for other settings like "im/gm", the installation procedure checks what is available and use "the best option" automatically that has the highest priority. This should give "sane" settings by default without user interaction. If you later on want to change that, you can still do that with the new "configuration" option in install tool.

#9 - 2013-09-13 23:13 - Steffen Müller

IMO using anonymous DB user is an edge case. If an anonymous user exists, it must not prevent you from configuring a different user. Otherwise I cannot install TYPO3 using the install tool.

To me this is a blocker.

I tested this on a fresh Debian Wheezy with default MySQL. It seems Debian MySQL creates an anonymous DB user by default.

#10 - 2013-09-14 00:39 - Christian Kuhn

Steffen Müller: install tool <6.2 supports anonymous DB user. but the dialog for user/pass is always shown.

#11 - 2013-09-14 00:39 - Christian Kuhn

gnaa ... ok, we'll have to find something ...

#12 - 2013-09-15 14:33 - Alexander Opitz

the installation procedure checks what is available and use "the best option" automatically that has the highest priority.

But how you want to know if your selected option is the best one? Maybe for "new users" the setup will be easier but for professionals it will be harder to setup.

Maybe we can show the user an "link" with the message "TYPO3 CMS Install choose a guessed option. Click here to get more information about." And if you click it, a hidden field will open which shows the guessed options with the possibility to change them.

On the other side, we have not enough time for such things so fixing the DB issue and let the rest open as feature for TYPO3 CMS 10.0 should be ok for now. ;)

#13 - 2013-09-15 15:13 - Christian Kuhn

@Alex: Please do not shift topic. The "configuration preset" and automatic selection of "sane" values and good presets is a good (!) thing and professionals can already change that later on. The "best" option is also pretty clear: for example we know that mbstring is a bit quicker than iconv (at

least to my measurements), so we use it if available. if your numbers differ, we could argue about that specific point again.

But still, this issue here is about db settings, and those have nothing to do with the 'configuration presets'.

#14 - 2013-09-20 18:32 - Markus Klein

Quote from Anja:

I set up a brand new ubuntu server, everything is (intentional) out of the box. The install Tool does not ask for database credentials, but connects on its own and finds the test database.

#15 - 2013-09-20 18:53 - Anja Leichenring

#51540 solves it for me

#16 - 2013-09-20 19:24 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 3 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/23866>

#17 - 2013-09-26 23:30 - Nicole Cordes

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:0d2a39b6654aea5e839cd1f4c9dafa55f00753a3.