IIITBSQL

Question Type Plugin Installation Manual

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IIITBSQL – Question Type Plugin

This document gives some important advice you should consider before adding this plugin and general instructions on how to install it.

Before you do anything else…

Before you start installing this plugin please ensure that the following requirements are met:

Moodle Requirements

- You must have access to your Moodle code files to upload or install the plugin. If you installed Moodle in the first place then you should be fine. There is no way to install plugins through the web interface.
- This plugin has been created and tested for Moodle version 2.3 with the new Question Type behaviour. So the target installation should preferably be 2.3 or greater.
- You should have access and permissions on the local MySql installation. You would be required to create a user and grant some privileges to the user.

Plugin Code and Files

The required files are present in the folder ***iiitbsql.zip***

Installation Steps

Please follow the installation steps as given below:

1. *Create a new user on the MySql Server.*
   For example to create a user with **username: readuser** and **password: thanks123**, the following commands can be used:
   create user 'readuser'@'localhost' identified by 'thanks123';

   Grant select privileges to this user. This can be done by following command:

   GRANT SELECT ON * . * TO 'readuser1'@'localhost' IDENTIFIED BY 'thanks123'
   WITH MAX_QUERIES_PER_HOUR 0 MAX_CONNECTIONS_PER_HOUR 0
   MAX_UPDATES_PER_HOUR 0 MAX_USER_CONNECTIONS 0 ;

2. *Establish the correct place to install the plugin.*
   The correct place to install this plugin is **/path/to/moodle/question/type/**
   This is general is also true for other Question Type plugins.
3. *Unzip the folder **iiitbsql.zip**.*
4. *Locate and open the file **qtype_iiitbsql.php** in any editor*.
   The file can be found at location **iiitbsql/lang/en/**
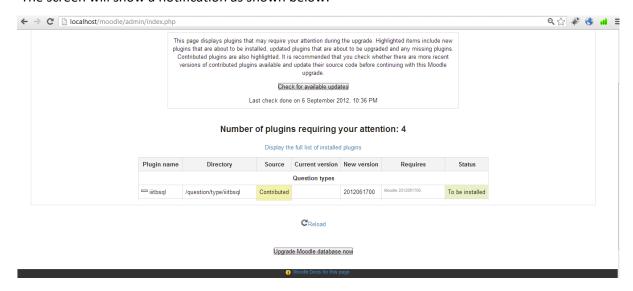
5. *Edit lines at number 27, 28 and 29.*
   $string['db_hostname'] = 'localhost';
   $string['db_username'] = 'readuser';
   $string['db_password'] = 'thanks123';

   In most of the cases, the value of *$string['db_hostname'] = 'localhost'.* In case moodle installation is configured to use a remote MySql installation, please replace 'localhost' with 'IP:Port' i.e. the complete address at which the MySql server can be reached.

   The value of *$string['db_username']* is the user that is created in the **Step 1** above.
   Similarly, the value of *$string['db_password']* is the password for the user that is created in the **Step 1** above.
   Save and close the file.

6. *Copy the entire folder to the Location as mentioned in **Step2.***
7. *Restart Apache Server.*
8. *In the Moodle site (login as admin) and go to Settings > Site administration > Notifications.*
   The screen will show a notification as shown below:

9. *Click on the button "**Upgrade Moodle database now**".*
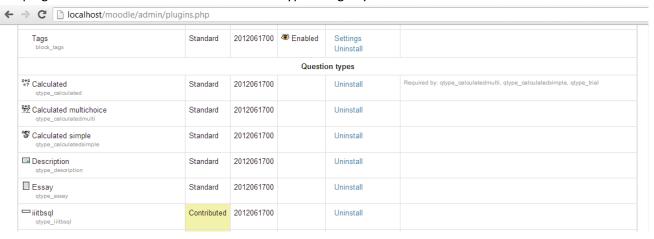   The site should show "**Success**" message.

10. *Click on the button "**Continue**". This finishes the installation process.*
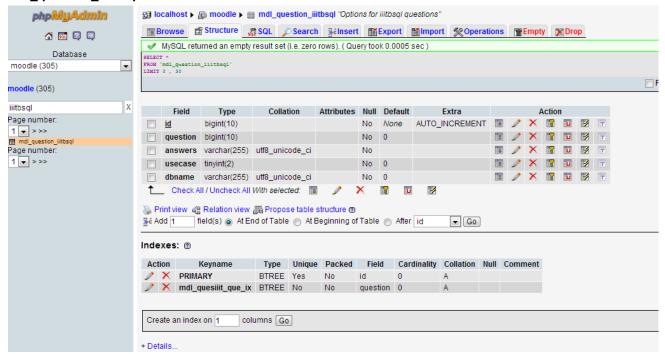
Verifying the Installation

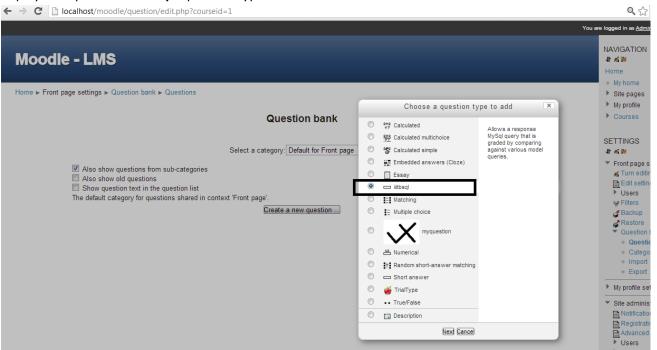There are different ways in which the installation can be verified. A few of them are explained below.

- In the Moodle site (login as admin) and go to **Site administration ► Plugins ► Plugins overview**
  The plugin should be listed under the Question Type categrory.

- In the moodle database on MySql server, a table should have been created by the name
  Mdl_question_iiitbsql

- In the Moodle site go to Question Bank and click on "Create a new question". The pop-up menu will display the option of **"iiitbsql"** question type.

Uninstalling the Plugin

To uninstall iiitbsql plugin

1. Go to *Settings > Site Administration > Plugins > Plugins overview* and click the Uninstall link opposite to the iiitbsql plugin.
2. Use a file manager to remove/delete the actual plugin directory, otherwise Moodle will reinstall it next time you access the site administration.

If you have problems...

- Check the file permissions. The web server needs to be able to read the plugin files. If the rest of Moodle works then try to make the plugin permissions and ownership match.
- Did you **definitely** unzip or install the block in the correct place?
- Make sure the directory name for the plugin is correct. All the names **have** to match. If you change the name then it won't work.
- Turn on Debugging - any error messages?
- Last but not the least feel free to contact:

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