

ZERMATT INSTALL MANUAL		Pages (27)
Author : Chayan Hazra	Version: Zermatt Version1.0	Date :05-10-2010

Zermatt Install Guide (Zermatt V1.14)

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1 Introduction

- Zermatt is a web server application that has been developed using Perl, MySQL, Apache, TWiki and TML (TWiki Markup Language). Zermatt helps you to plan and report the QA processes of an organization.

1.1 Document Purpose

- The Install Guide provides step by step instructions for installing Zermatt and all the dependent software.

1.2 Intended Audience

- This Guide is intended for system administrators, who would be installing and managing Zermatt.

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2 Pre-Installation guidelines

Before installing Zermatt following are the Assumptions, Dependencies and References.

2.1 Assumptions

- To install Zermatt, the remote machine has to be connected to the internet.
- The path to install TWiki should not be left blank.
- It is recommended to uninstall any previous versions of Apache, Perl and MySQL.
- The administrator should have the knowledge of the port number of the mail host account to send mails.
- The user should receive the username and password in the mail before installing Zermatt.
- The user must be the administrator to run the installation from the command prompt.

2.2 Dependencies

This installation has been prepared specifically for Windows, and tested on XP, Vista, Windows Server 2003, and Windows 7. However Zermatt should also run on other platforms where the dependent software has been installed, but currently there is no automated install script available for other platforms.

The following software packages, which Zermatt is dependent upon, will be automatically downloaded and installed, viz.

- ❖ Apache
- ❖ MySQL
- ❖ Perl
- ❖ TWiki

2.3 Preparing the Install

- ❖ Apache: to install Apache we need the server name and Mail id of the server's
- ❖ MySQL: the default password for MySQL is password.
- ❖ TWiki: The user will be asked to make an account while installing TWiki. The following information should be provided by the user :
 - The path to install TWiki which should not contain any spaces.
 - TWiki Administrators email address that should be a valid existing email address.
 - TWiki Administrator's Name
 - TWiki Mail host
 - Username and Password for SMTP of TWiki

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3 Installation Instructions

3.1 Zermatt installer download

- Download the Zermatt Installation executable file from the Automature FTP site after filling up the contact information form.

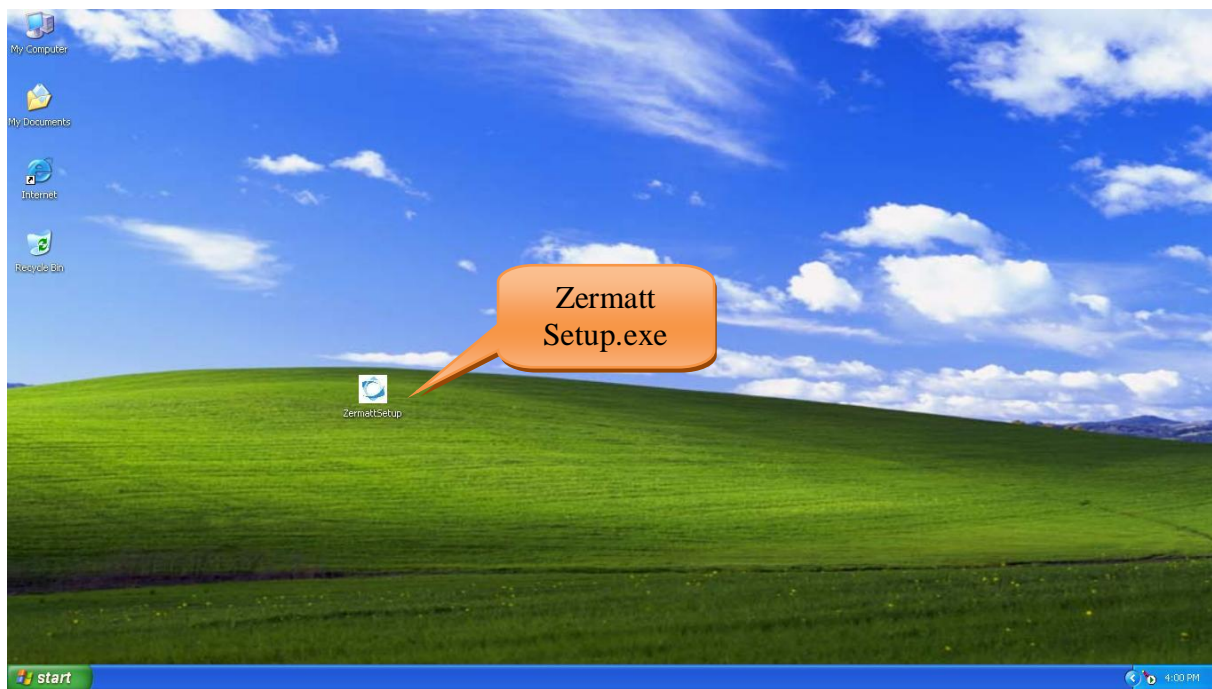


Fig. 1

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3.2 Initialization of Zermatt installation

- Double click on the Installation icon. The installation starts automatically. ***Make sure you are the Administrator***, failure to do so will result in the TWiki configuration page not showing up in browser properly.



Fig 2

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3.3 EULA Agreement

Once you click on next, the EULA is shown. We recommend you to read the EULA. If you have any problems regarding EULA, do mail us at sales@automature.com Select **I accept the terms** option and click **next** button to start the installation.

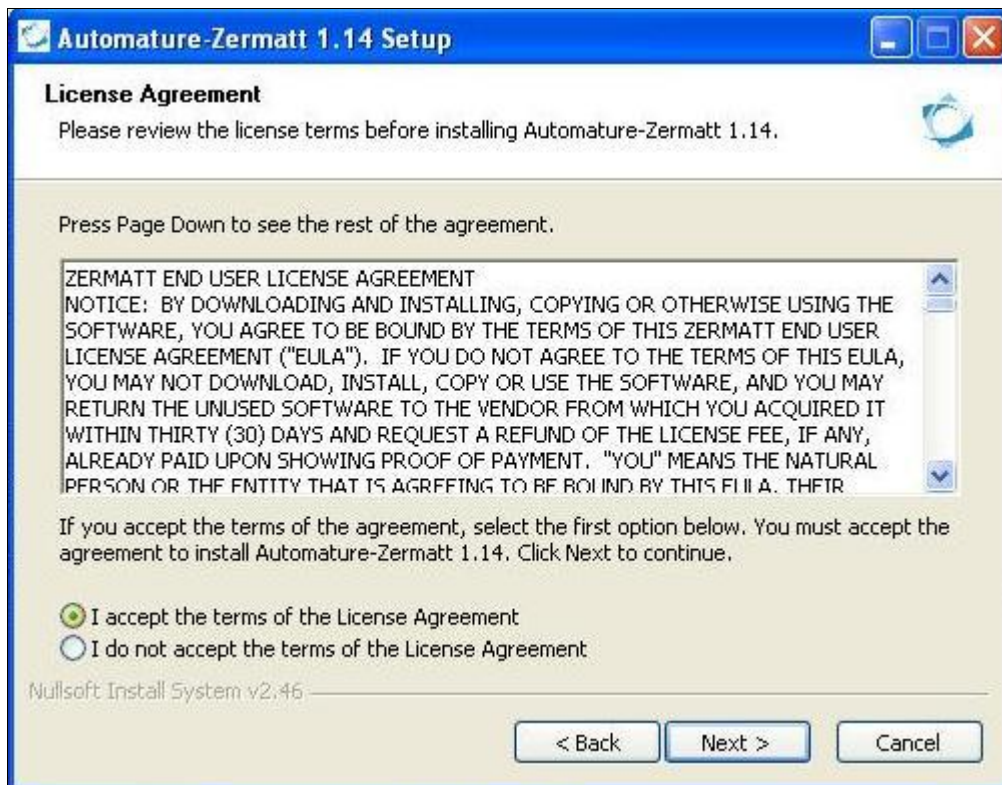


Fig 3.

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Please note- If Apache and MySQL is already installed, then kindly refer to article For previously installed Apache and MySQL

3.4 Apache installation

- Enter the path to install Apache in your machine. (Default: C:\Program Files\ApacheGroup\)
- Enter the Server name (Your server's full DNS name e.g. server.mydomain.net).
- Enter server administrator's mail_id.

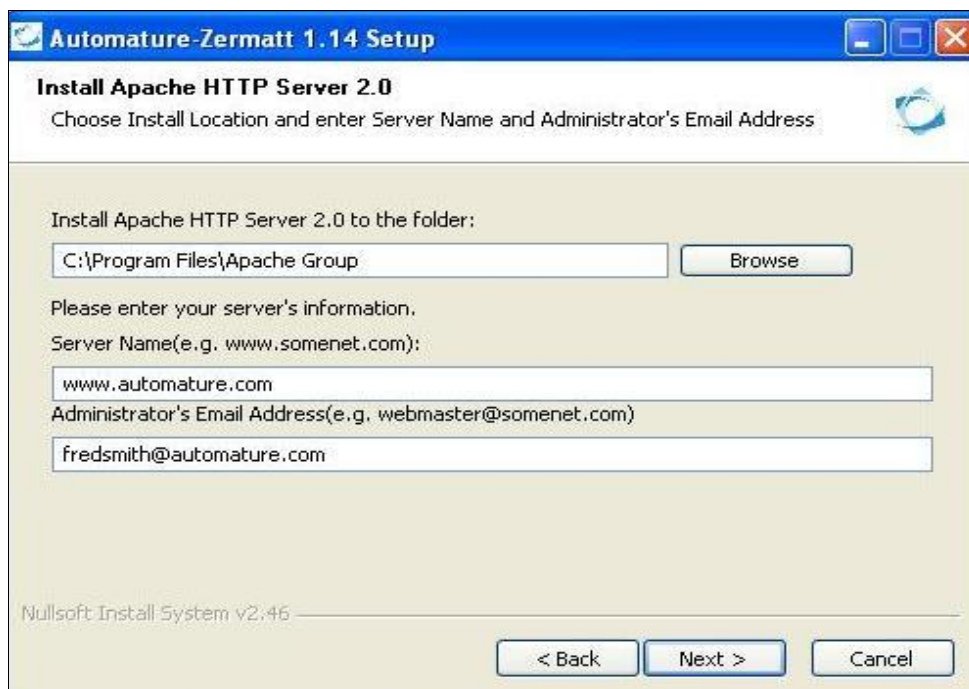


Fig 4.

Kindly note: all fields are mandatory for proper installation.

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3.5 MySQL installation

- Enter path to Install MySQL. (Default: C:\Program Files\MYSQL\MYSQL Server 5.1\)
Please note- your default password is *password*.

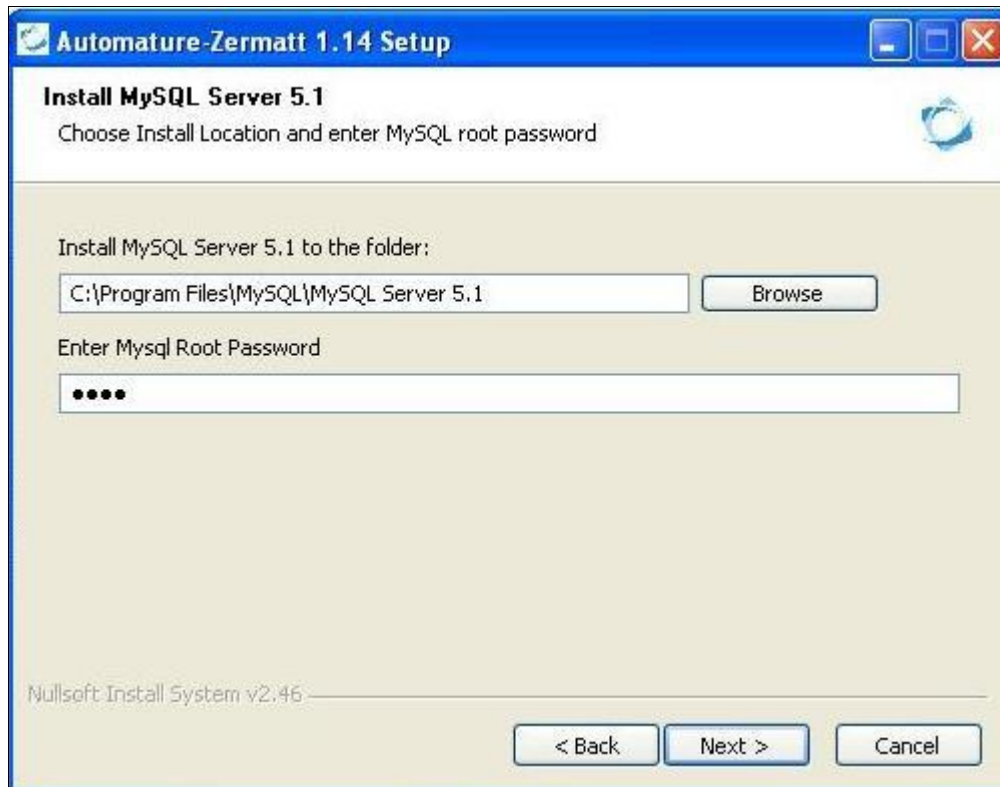


Fig 5.

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3.6 TWiki Installation

- Enter path to install TWiki (Default: C:\www)
TWiki path should not have spaces.
- Enter TWiki administrator's e-mail address (e.g. fredsmith@example.com)
NOTE: It must be a single valid email address. By default the administrator's mail id will be selected.
- Enter TWiki administrator's name address for use in mails (first name and last name, e.g. Fred Smith)

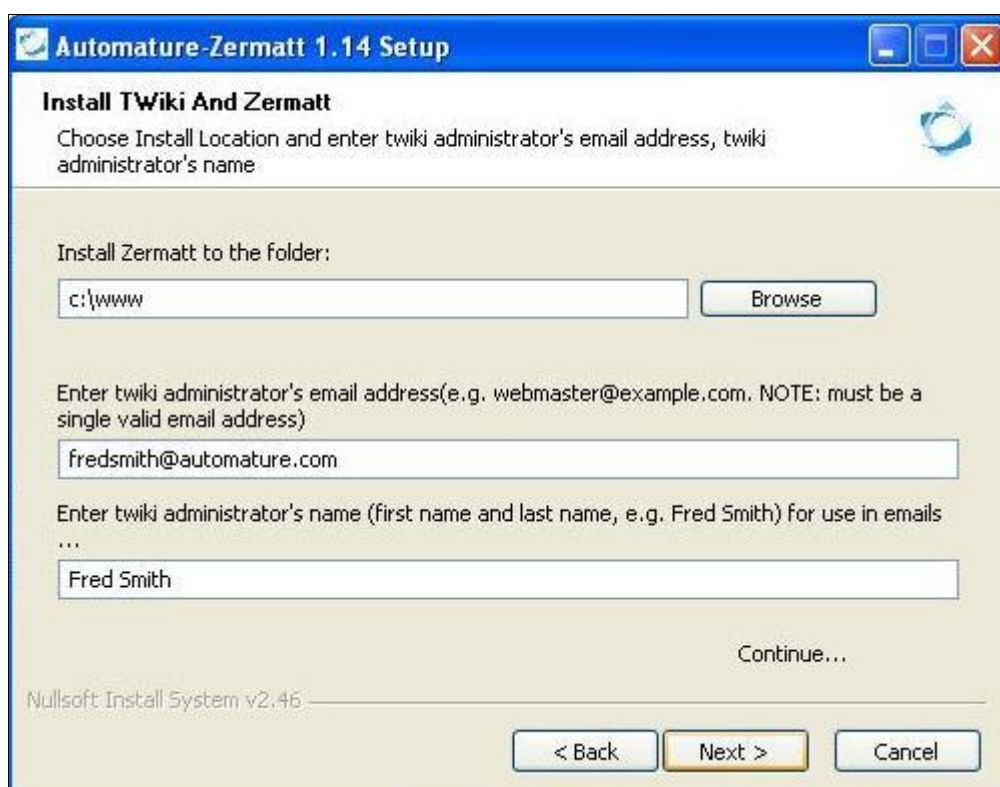


Fig 6.

Kindly note: all fields are mandatory for proper installation.

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- Please give the port number for Mail host for your outgoing mail. This is only used if Net::SMTP is installed.

This setting can be overridden by a setting of SMTPMAILHOST in TwikiPreferences. Please click on the following link after the installation of Zermatt.

<http://localhost/twiki/bin/configure>

- Enter Username for SMTP (only required if your server requires authentication). If this field is left blank, TWiki will not attempt to authenticate the mail sender.(e.g. If your TWiki Administrator e-mail address is fredsmith@example.com then your username will be fredsmith)
- Enter Password of your TWiki administrator's e-mail address SMTP (Enter Password for the account with that Username).

Fig 7.

Kindly note: all fields are mandatory for proper installation.

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Installation in Progress.....

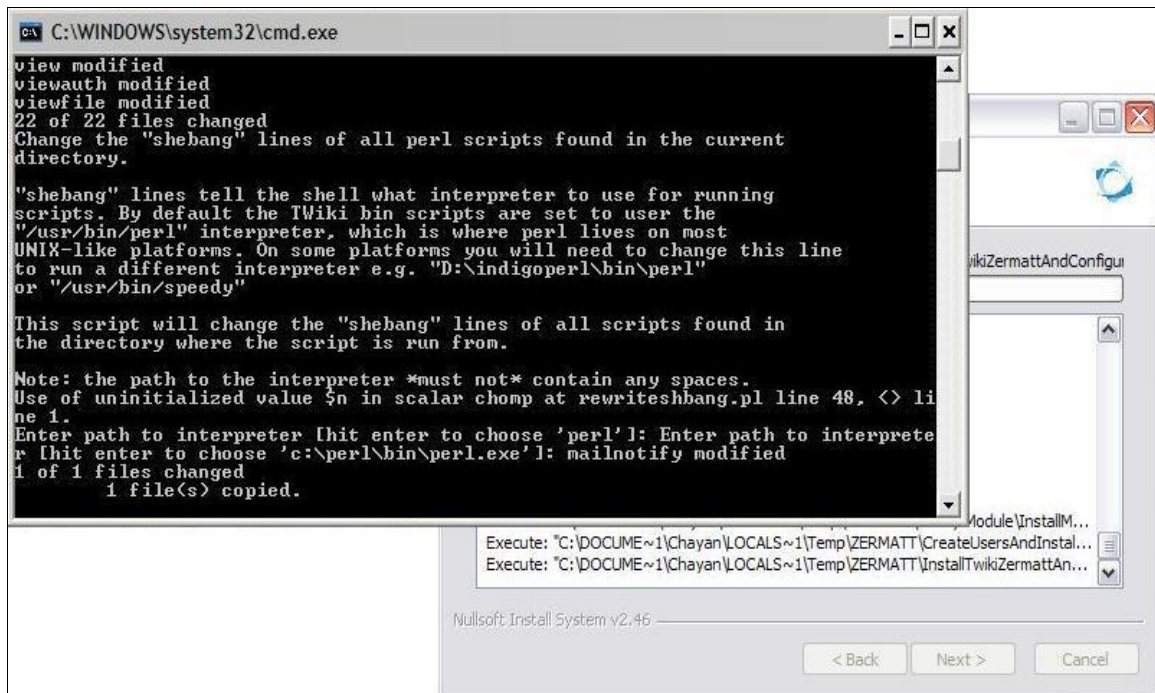


Fig 8.

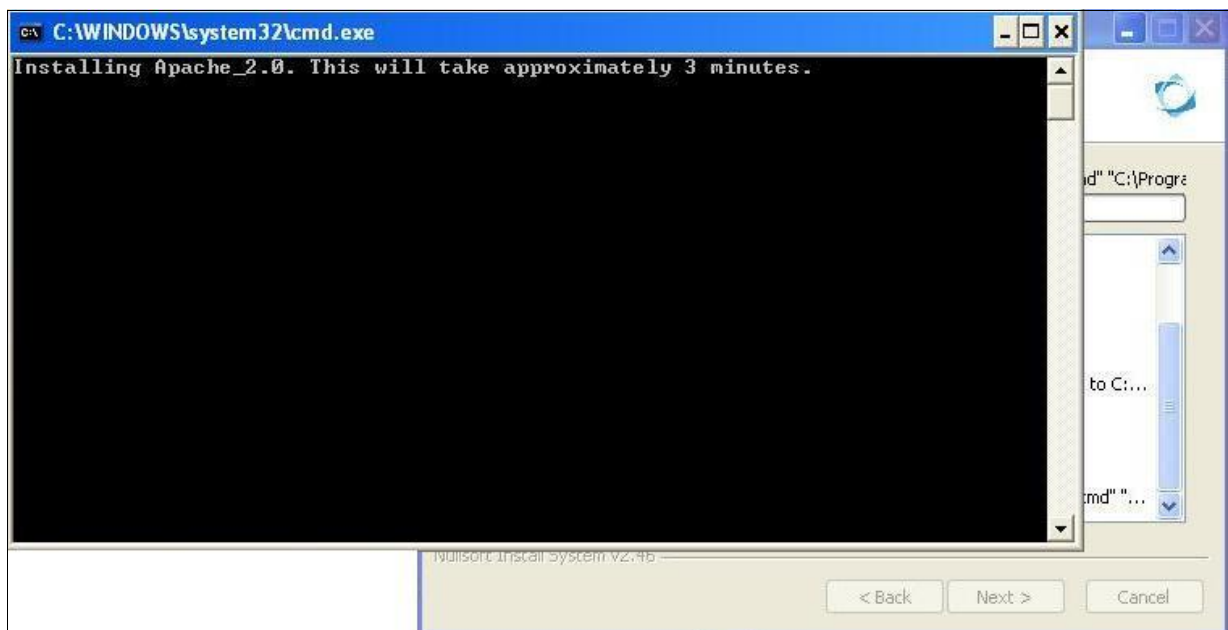


Fig 9.

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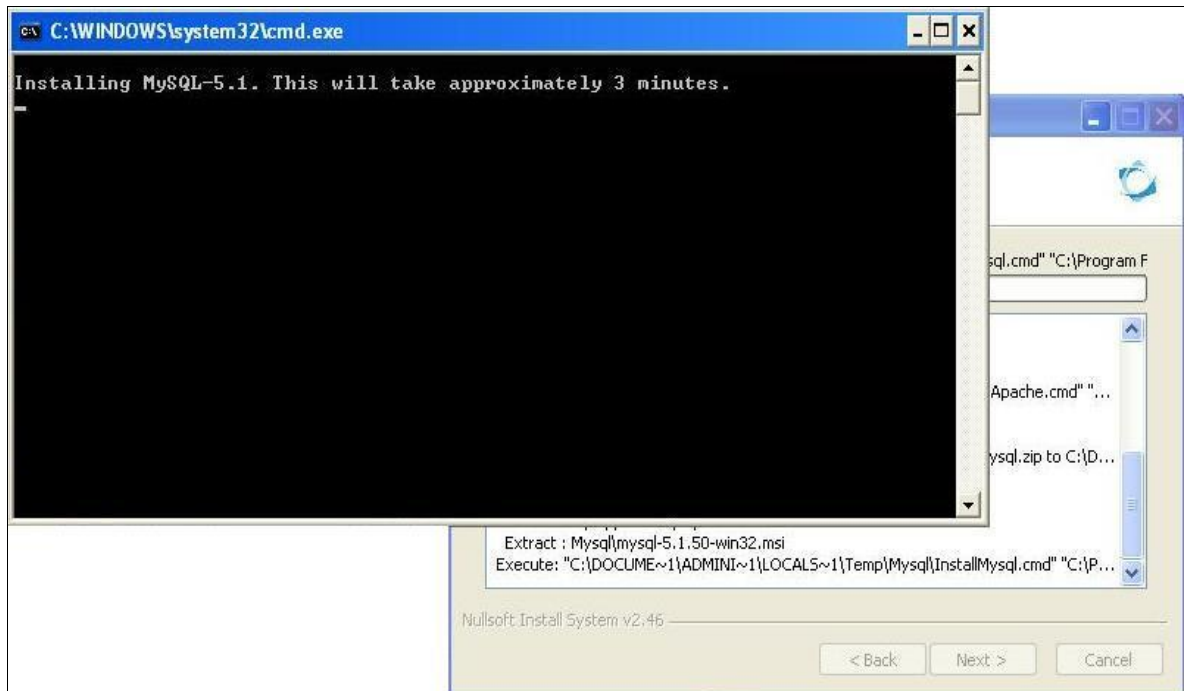


Fig. 10

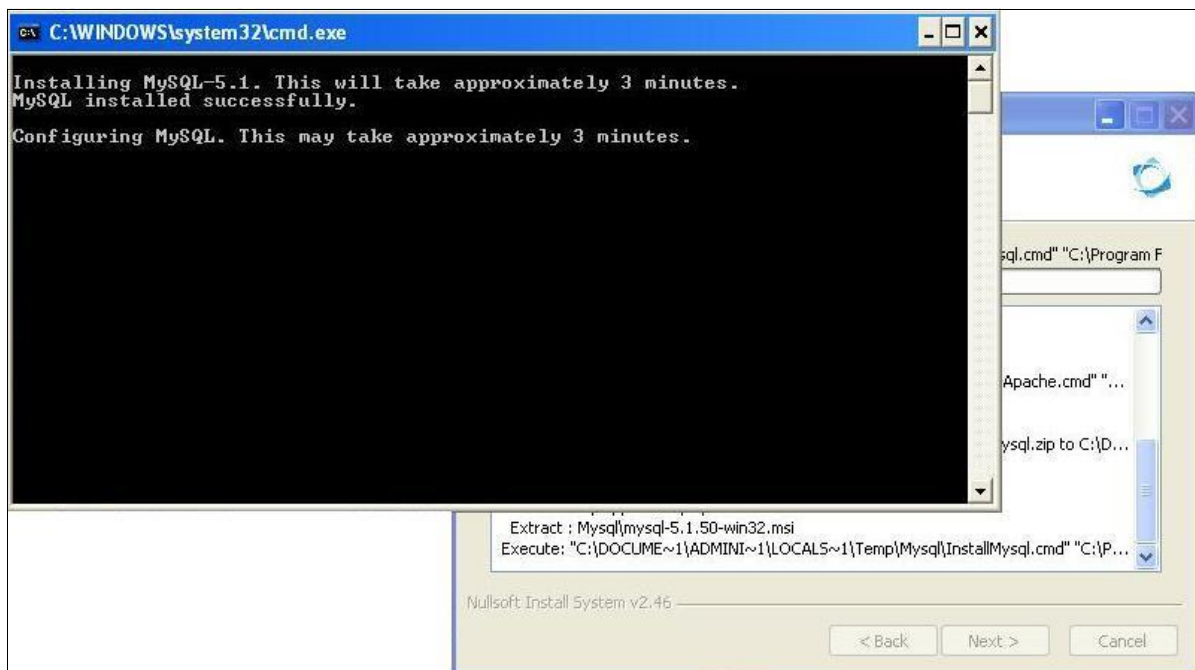


Fig. 11

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3.7 Completion of Installation

- You will reach the end of installation once the following screen appears.



Fig. 12

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3.8 For previously installed Apache and MySQL

If Apache or MySQL is already installed in your machine, the following pops up screens are shown:

For Apache:

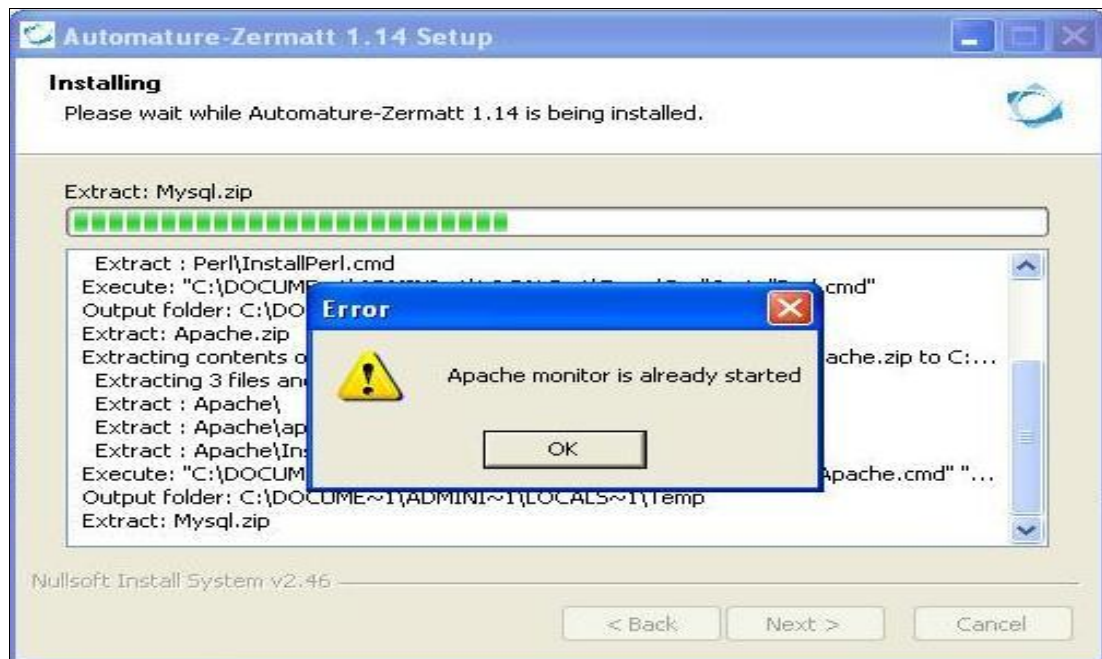
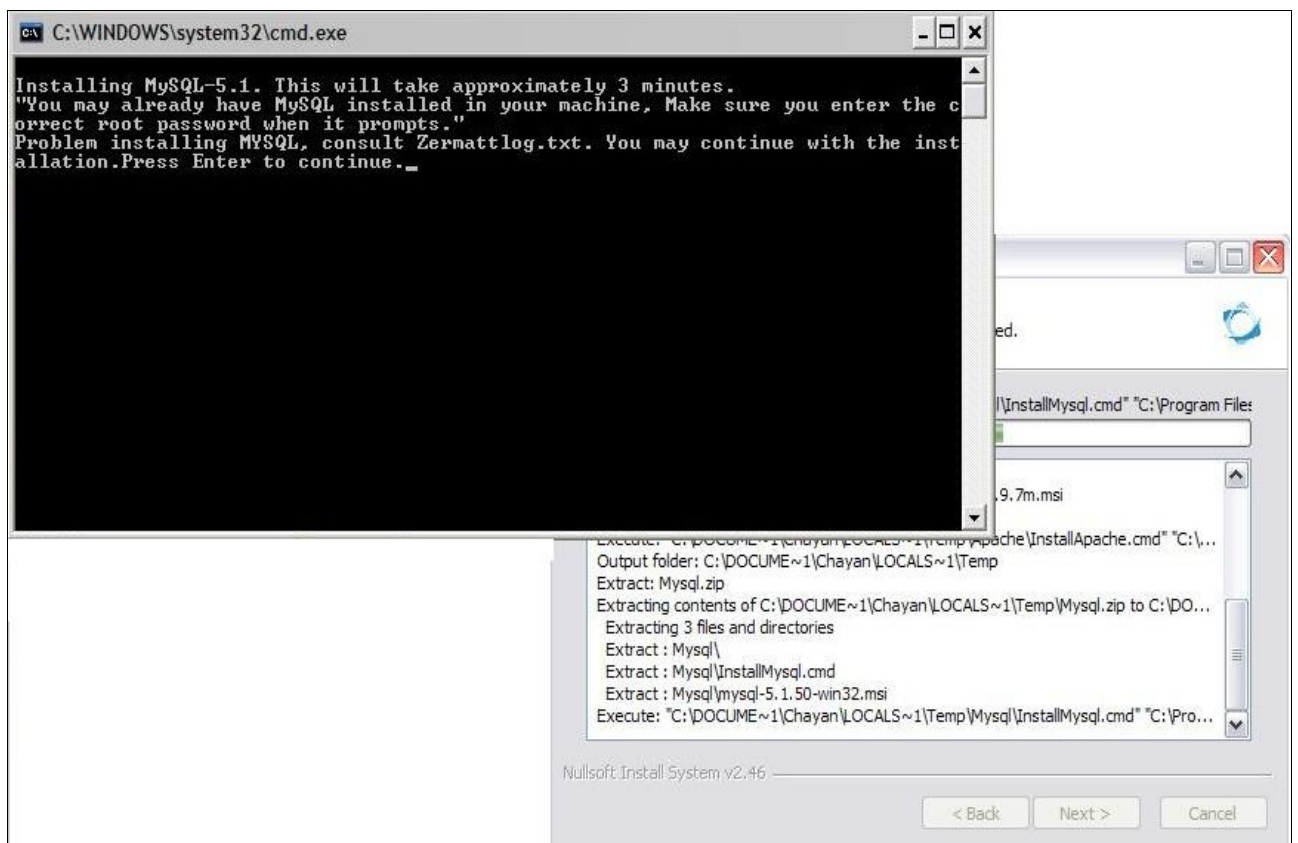


Fig. 13

For MySQL:



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4 License Activation

Once you have successfully installed ZERMATT in your machine, you will have to activate your License, to use ZERMATT.

Steps to activate your license:

- Save the ZermattLicense.zip file in your drive, from the email (provided during your download dialogue).
- Extract the folder ZermattLicense.zip to any local folder. The folder contains three files namely
 1. Cryptkey.priv
 2. ZermattLicense
 3. ZermattLicense.txt,v
- If you have installed TWiki in the location **C:\www** (or any other directory),then please place the two files **ZermattLicense** and **ZermattLicense.txt,v** in the location: **C:\www\twiki\data\Zermatt**

Place the third file **crypt.priv** in the location **C:\www\twiki\lib\twiki**

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5 Uninstalling Zermatt

Kindly click on the uninstallation icon **uninstZermatt** located in the installation folder of Zermatt.

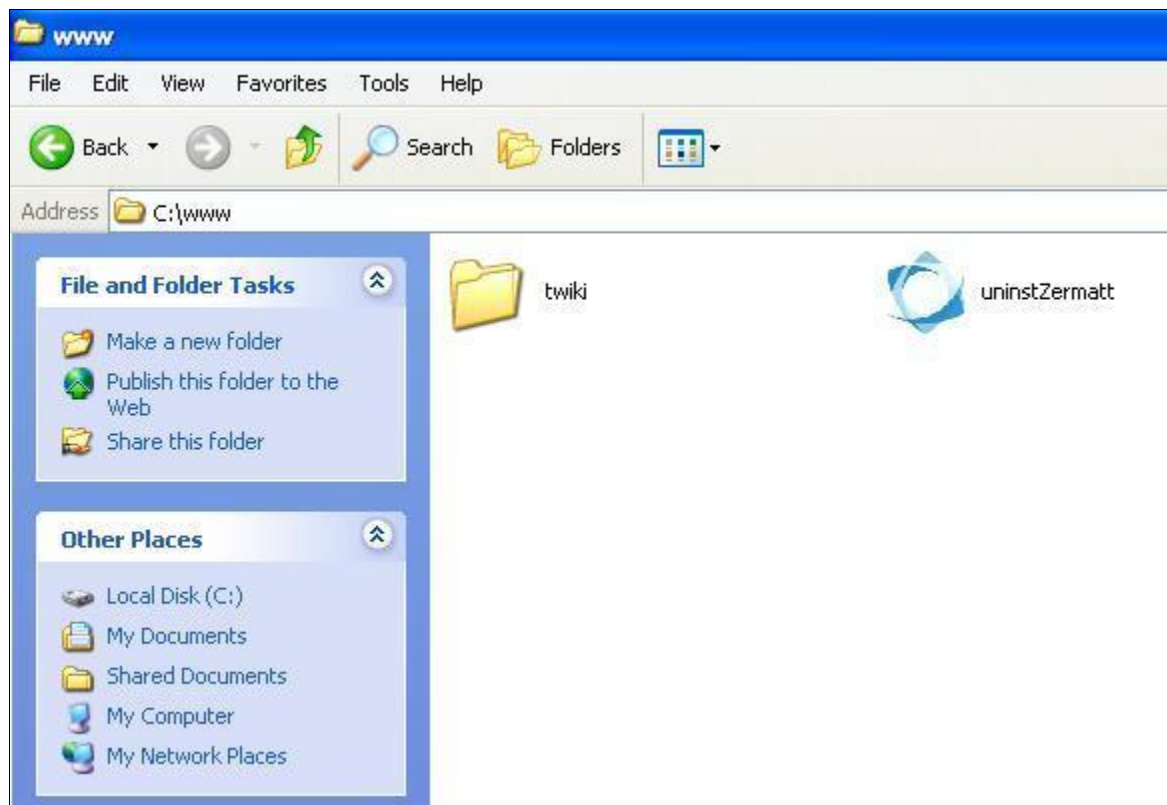


Fig 15

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6 Using ZERMATT for the first time

Steps to follow:

- Open your default browser.
- Type <http://localhost/> , on your address bar.

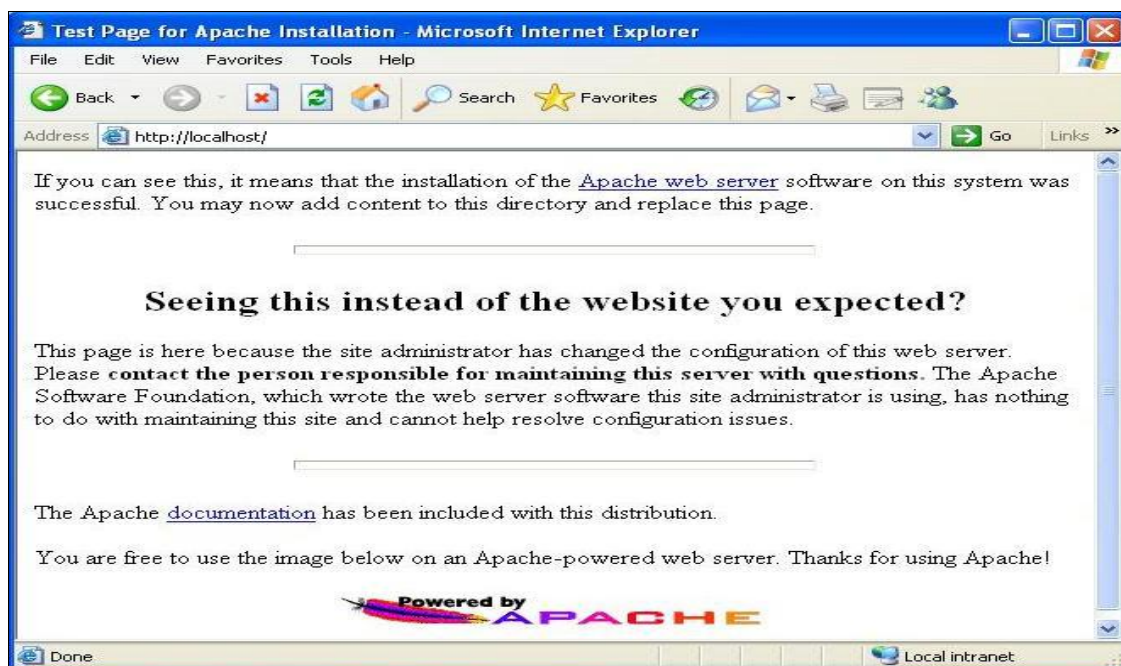


Fig. 16

If you can see this page, it means that the installation of the [Apache web server](#) software on this system was successful.

- Type <http://localhost/twiki/bin/view>, on your address bar.



Fig. 17

If you see this page it means that the installation of TWiki software on this system was successful.

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- Click **Log In** on the Main page
Your default username is '**admin**' and your password is '**password**'.



Fig. 18

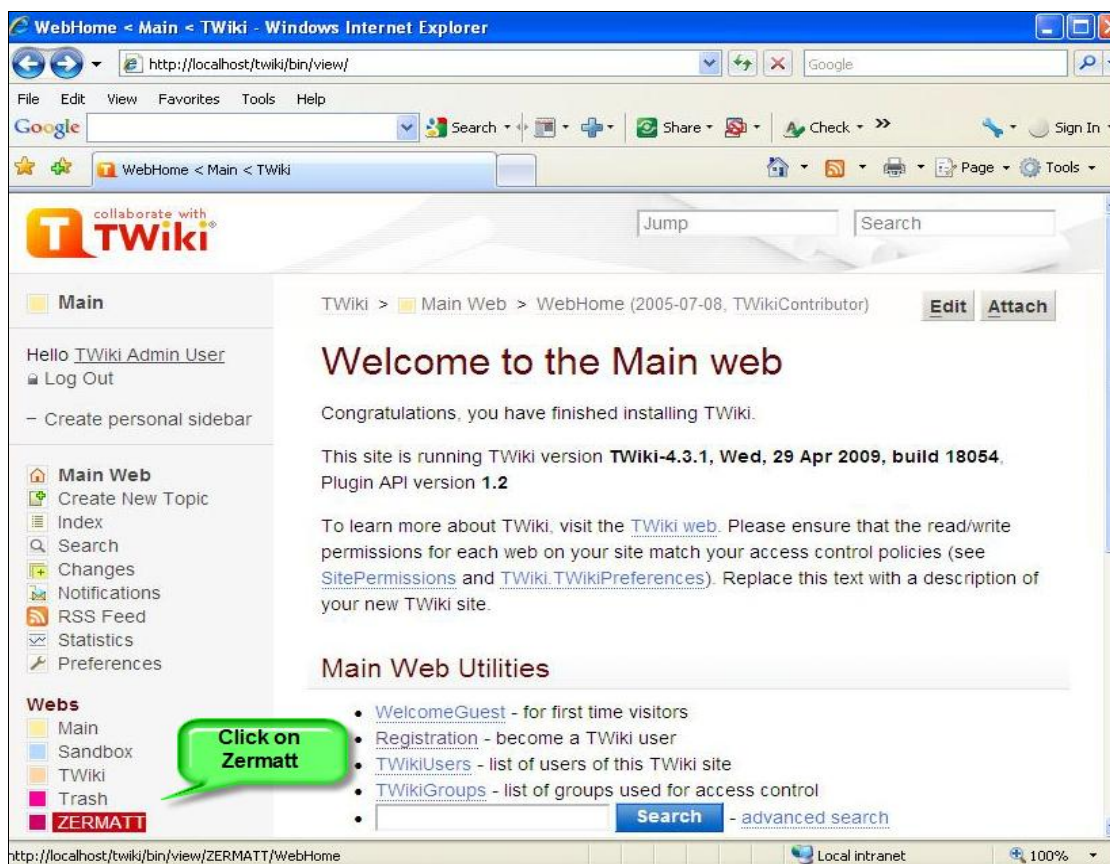


Fig 19

- After logging in if you see ZERMATT in your web list then product Zermatt is now installed in your system.

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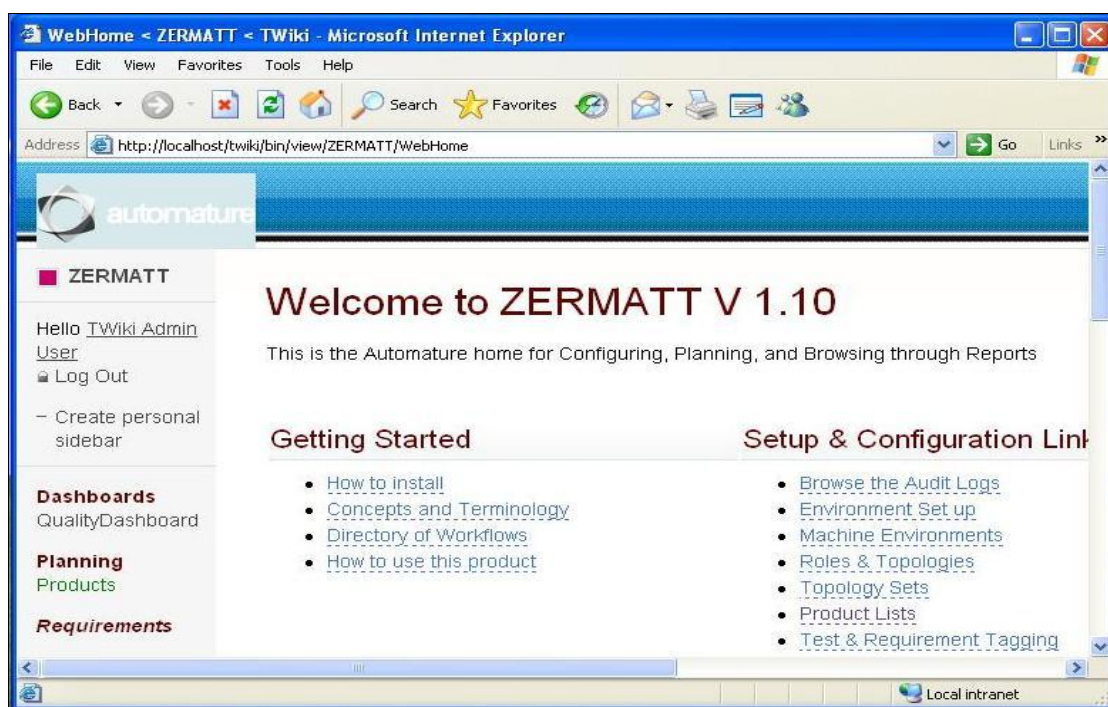


Fig. 20

- Then either click '**Index**' link under Main Web in your web left bar and then click on **ZermattPlannersGroup** or type <http://localhost/twiki/bin/view/Main/ZermattPlannersGroup> in your address bar and press enter.

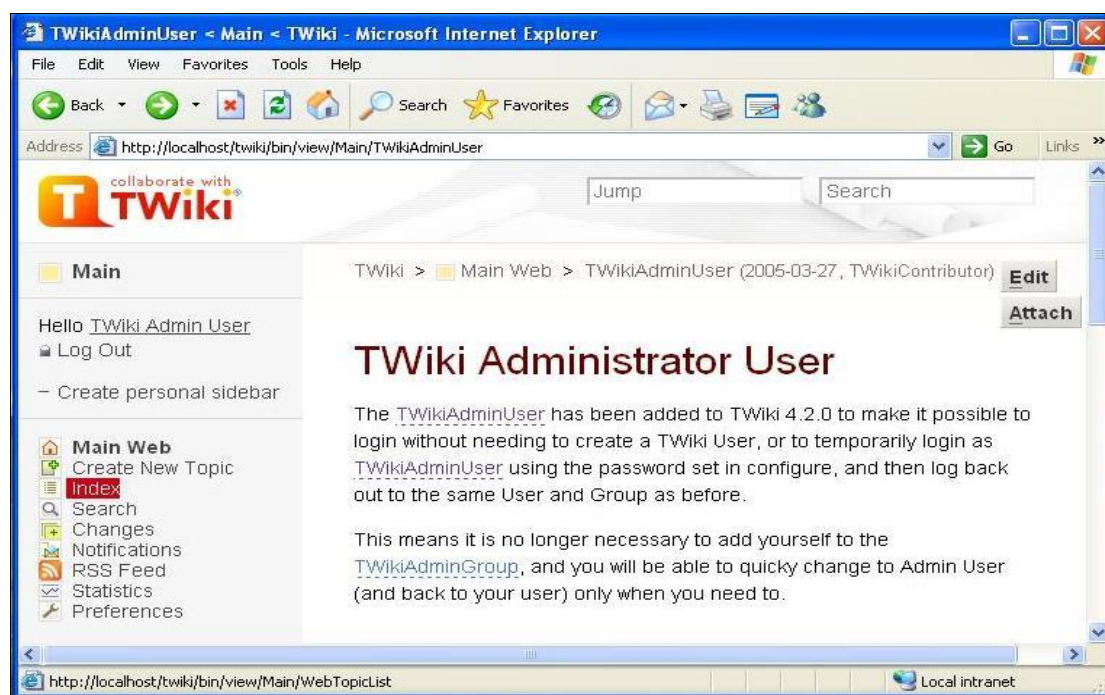


Fig. 21

- Click **Raw-Edit Button**.
- Include Main.TWikiAdminUser in “* Set GROUP =”.
i.e. * Set GROUP = **Main.TWikiAdminUser**
Any Misspelling may lead to future errors. So kindly be accurate.
- Now save the page.

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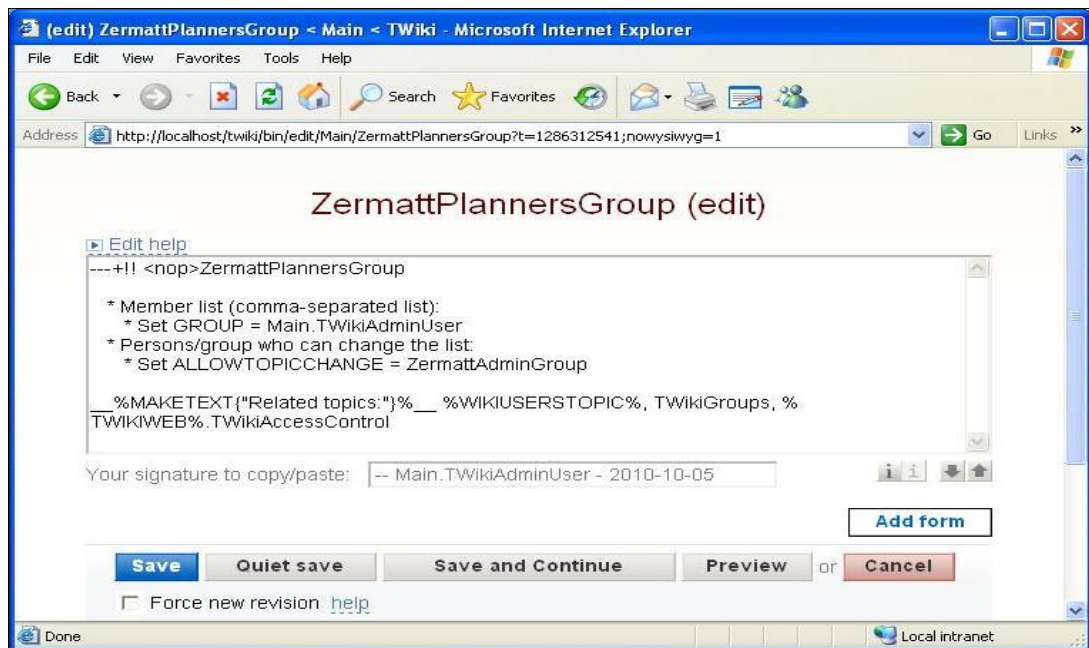


Fig. 22

- Go to ZERMATT web and click Product Lists.
- If you can see this page then ZERMATT is ready to be used in your machine.

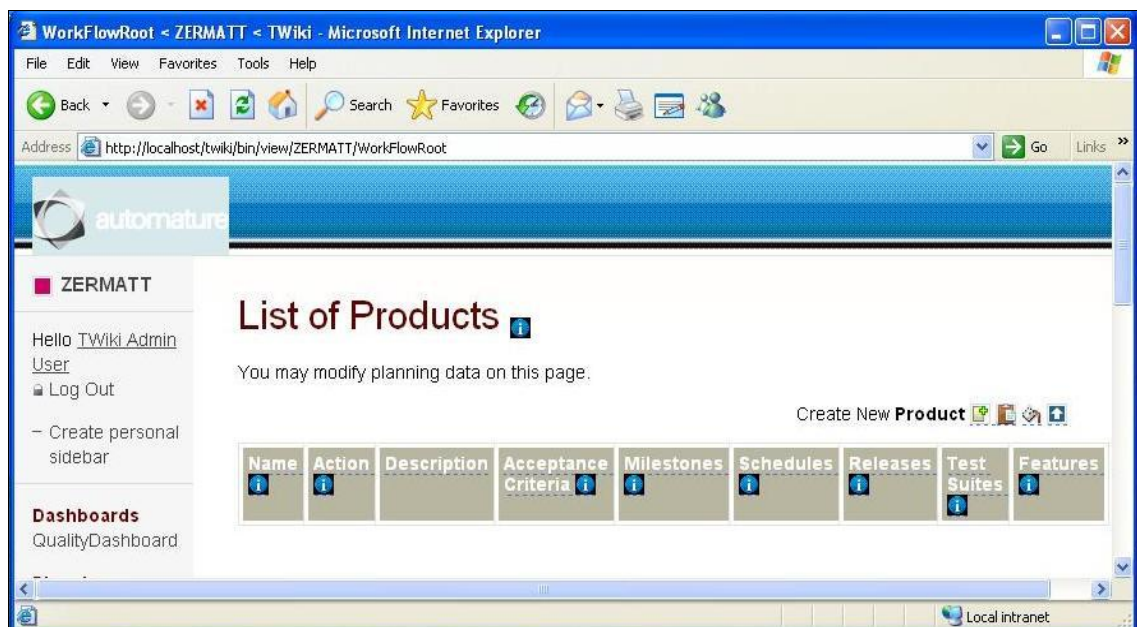


Fig. 23

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6. Troubleshooting the Installation

If you see the following errors do the following:

6.1 The prompt appears when running Zermatt Installer and error appears:

Please consult log.txt for details.

Open log.txt which is present in your Zermatt folder.

- If you see “Return Value = 1” then that command has failed to perform.
For example, if you see the following line in the log file:
“Action ended - 0:04:33.25 - Install MySQL-5.1.Return value 1
This means MySQL was NOT installed properly.
- At the end of the file of you see **error Level=download**, then there is some problem with your internet connection. Rerun the setup when your internet connection is stable.
- If **error Level=install**, then there is some problem installing apache or MySQL. Please refer to the log file to recheck the input parameters. Or you can install the dependencies from ZERMATT folder manually and run the SetUp again.
- If **error Level=configuration** then please perform the action manually that has failed and run SetUp again.

6.2 If installer has successfully installed the product but still you cannot access TWiki pages.

- Check the **LocalSite.cfg**, in your local machines c:\www\twiki\lib folder (or where you have installed your TWiki).

Check whether the path to your TWiki folder is correct or not in LocalSite.cfg.

Check whether all the user inputs are properly placed or not and are within single inverted commas or not!
- Check the **LocalLib.cfg** file in your local machines c:\www\twiki\lib folder (or where you have installed your TWiki).

Check whether this file is showing the path to lib directory, properly or not i.e. \$twikiLibPath = "c:/www/twiki/lib" ;

If the options do not match with the above content, then please set them manually.

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6.3 If installer has successfully installed the product but still you cannot access ZERMATT pages.

- Check the LocalSite.cfg, in your local machines TWiki\lib folder (where you have installed your TWiki).

Check whether the path to your TWiki folder is correct or not?

Check whether all the user inputs are properly placed or not and are within single inverted commas or not?

If the options do not match with the above content, then kindly set them manually.

- If your Product page is showing errors, then :

Check whether TwikiAdminUser is included in ZermattPlannersGroup. To ensure please go back to fig. 33.

Check whether TopicCryptPlugin.pm is in twiki/lib/TWiki/plugins/ directory. If not then your license is not activated properly, please refer to article 3.0 to activate license.

- Open command prompt window.
- Run *mysql -u root -p password*.
- If login is successful then run *show databases*.
- If framework is listed then run *use framework*.
- Finally run *show tables*.
- Then run *select user from mysql.user*.

If all the 22 tables and four users are listed then your MySQL is properly configured.