Bugzilla installation in Windows 7.

**[Tools]**

1. XAMPP 5.6.24 (Integration with Apache and MySQL)
2. ActivePerl 5.24.0
3. Bugzilla 5.0.3
4. Sendmail.exe

**[Bugzilla Introduction]**

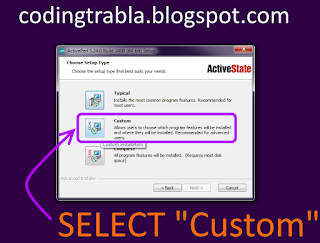
Bugzilla is a web-based general-purpose bug-tracker and testing tool originally developed and used by the Mozilla project, and licensed under the Mozilla Public License.  
Bugzilla has been adopted by a variety of organizations for use as a bug tracking system for both free and open-source software and proprietary projects and products. Bugzilla is used, among others, by the Mozilla Foundation, WebKit, Linux kernel, FreeBSD, GNOME, KDE, Apache, Red Hat, Eclipse and LibreOffice.

**[Step by step]**

1. Download and install **XAMPP 5.6.24**  from site:  
   <https://sourceforge.net/projects/xampp/files/XAMPP%20Windows/5.6.24/>
2. Download and install  ActivePerl 5.24.0 for Windows ( x64 ) from official site  
   <http://www.activestate.com/activeperl/downloads>

<Attention>

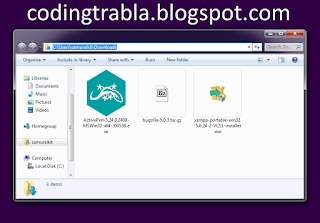
in ActivePerl Setup Wizard - select "Custom" setup type

[](https://3.bp.blogspot.com/-4ki9kIFOkyE/WC0_cpvymzI/AAAAAAAAG04/k20FMrBhBfo7u5qpvbvtnhvZi9rtZRihQCLcB/s1600/Bugzilla-503--5.png)  
 create & select installation directory   
C:\usr

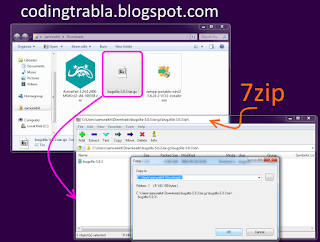
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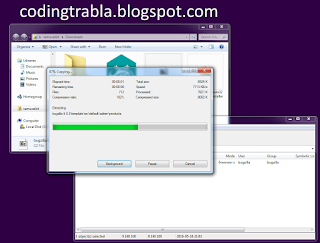
3. Download **BugZila 5.0.3** opensource Perl Bug tracking software from  
official site:  
<https://www.bugzilla.org/download/>

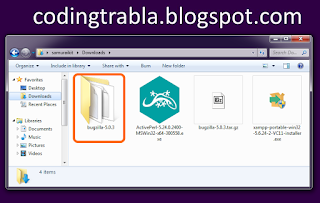
[](https://1.bp.blogspot.com/-f31yx5DDr2w/WC1SOza31WI/AAAAAAAAG1M/7gzIkoPG_KY93RMmB711jABp0lA2_gCTgCLcB/s1600/Bugzilla-503--3.png)

[](https://4.bp.blogspot.com/-DdWuGOveMS8/WC1SZcOkG3I/AAAAAAAAG1Q/-KN4SMqgqcI6ANcbBSb-X4N37rtBow7CwCLcB/s1600/Bugzilla-503--4.png)

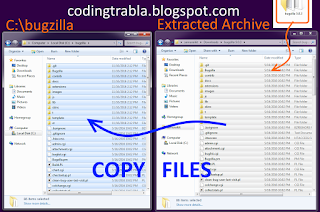
4. Extract bugzilla-3.0.5.tar.gz archive into \Downloads folder - using 7zip( <http://www.7zip.org/download.html> ) open source archive (or any archiver processing tar.gz)

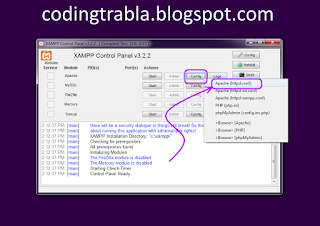
[](https://2.bp.blogspot.com/-G4OgLHO5MU0/WC1T7IKbWLI/AAAAAAAAG1g/5jmWlYd-nrU1Ns5NKK5yxxbGVbjuhrhSwCLcB/s1600/Bugzilla-503--10.png)

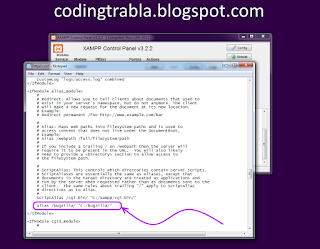
[](https://4.bp.blogspot.com/-ofvQaeA4A7w/WC1T7JMC8aI/AAAAAAAAG1c/wSTS_WO1wsgwXXbyPB9BI0gE-uKguxEHACLcB/s1600/Bugzilla-503--11.png)

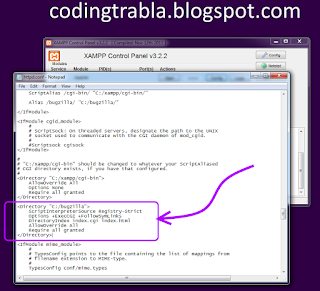
[](https://4.bp.blogspot.com/-H6CCVbNMbvk/WC1T7GHbUpI/AAAAAAAAG1Y/401FQ49uzcI2stMQ08FNxv5h6-val2r4QCLcB/s1600/Bugzilla-503--7.png)

5. Create folder C:\bugzilla and copy all files from downloaded BugZila 5.0.3 opensource Perl Bug tracking software extracted archive

[](https://3.bp.blogspot.com/-G-U-c739Ow8/WC1VKm3yY4I/AAAAAAAAG1o/A4yDCsUTB7onhn-Pyi1ZFDHO7_8JmDWwACLcB/s1600/Bugzilla-503--12.png)  
6. Run XAMPP Control Panel - open **Apache (httpd.conf) file (Apache -> Config->Apache (httpd.conf))**

[](https://2.bp.blogspot.com/-pdkL9RlxsOY/WC138uQohAI/AAAAAAAAG14/GKm3l5enUxsMLZwwZXqw6ocnrdbW7ZOqwCLcB/s1600/Bugzilla-503--13.png)  
- add following text string  
Alias /bugzilla/ "C:/bugzilla/"  
after text ScriptAlias /cgi-bin/ "C:/xampp/cgi-bin/"

[](https://1.bp.blogspot.com/-1x8MUkTE4jM/WC14lSP2Y9I/AAAAAAAAG18/royGFB8TOfQgV0IzyanY_VLTKUXHbdIogCLcB/s1600/Bugzilla-503--15.png)  
-  after text  
<Directory "C:/xampp/cgi-bin">  
    AllowOverride All  
    Options None  
    Require all granted  
</Directory>  
add following text  
<Directory "C:/bugzilla">  
    ScriptInterpreterSource Registry-Strict  
    Options +ExecCGI +FollowSymLinks  
    DirectoryIndex index.cgi index.html  
    AllowOverride All  
    Require all granted  
</Directory>

[](https://3.bp.blogspot.com/-4BfYO2z1xhs/WC15UaTXrGI/AAAAAAAAG2E/0FAyJowDyXgNSC73SxxJ-SBXM8SoywkmQCLcB/s1600/Bugzilla-503--17.png)

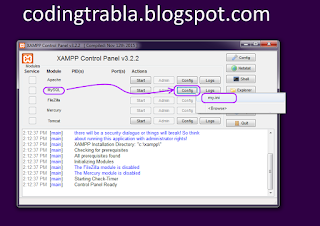
**Notice!** If you cannot start the Apache due to port 80 has been used, please config below:

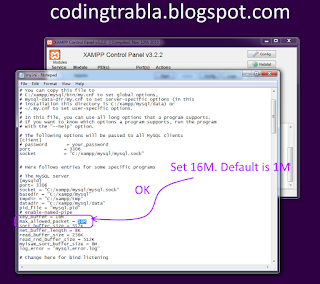
#Listen 12.34.56.78:80

Listen 8012 (Or any port that is free)

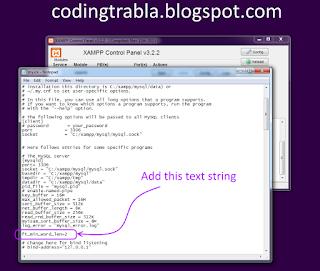
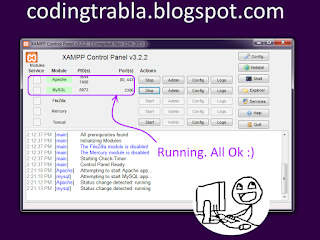
ServerName localhost:8012

- save & close Apache (httpd.conf)  
- open **my.ini file (MySQL-> Config-> my.ini)**

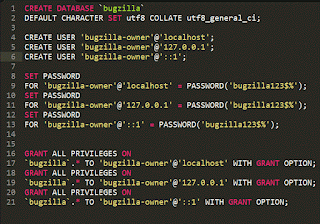
[](https://4.bp.blogspot.com/-smhd9auNtX4/WC16C8l9ALI/AAAAAAAAG2I/l-CzpVVqxqwH8__SEgDsKNeDnFNJK0xVQCLcB/s1600/Bugzilla-503--18.png)  
- Find max\_allowed\_packet   
change value to 16M (default is 1M)

[](https://2.bp.blogspot.com/-RkK-oA7J5GI/WC16ptI0RyI/AAAAAAAAG2Q/Lh3ycy8bZl4bm6gj0NGcbrnTevHNFEW1gCLcB/s1600/Bugzilla-503--20.png)

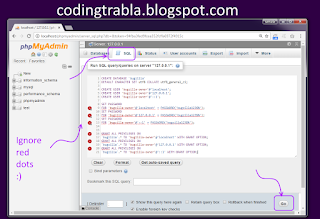
- After string  
log\_error = "mysql\_error.log"  
add text string  
ft\_min\_word\_len=2

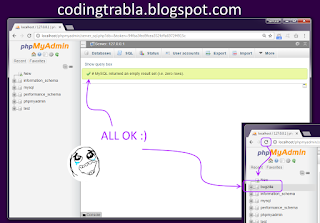
[](https://4.bp.blogspot.com/-_mSeHXuG04w/WC17crJUuKI/AAAAAAAAG2U/bB4RnMjyr-gM547rEjD9v3uwWX2ktmdLQCLcB/s1600/Bugzilla-503--22.png)  
- save & close my.ini  
- start Apache  
- start Database  
[](https://4.bp.blogspot.com/-1TrDhBC5Dxw/WC1773AJVeI/AAAAAAAAG2c/pDn9BJAJCsoDera4LR4y6WPCxcTb5TZ-gCLcB/s1600/Bugzilla-503--23.png)

7.  Now we need to **create Database for BugZila 5.0.3** opensource Perl Bug tracking system  
1) Open phpMyAdmin in new browser tab (or window :) ) -  
 <http://localhost/phpmyadmin>  
2) Open SQL tab  
3) Execute following query

[](https://2.bp.blogspot.com/-UqN--9Df7Po/WC2BPZAQtPI/AAAAAAAAG2w/n2m2s_nP0ngr97fXoYNbXc0nPQZkJLV0QCLcB/s1600/Bugzilla-503--24.png)

CREATE DATABASE `bugzilla`   
DEFAULT CHARACTER SET utf8 COLLATE utf8\_general\_ci;  
  
CREATE USER 'bugzilla-owner'@'localhost';   
CREATE USER 'bugzilla-owner'@'127.0.0.1';  
CREATE USER 'bugzilla-owner'@'::1';  
  
SET PASSWORD   
FOR 'bugzilla-owner'@'localhost' = PASSWORD('bugzilla123$%');  
SET PASSWORD   
FOR 'bugzilla-owner'@'127.0.0.1' = PASSWORD('bugzilla123$%');  
SET PASSWORD   
FOR 'bugzilla-owner'@'::1' = PASSWORD('bugzilla123$%');  
  
GRANT ALL PRIVILEGES ON   
`bugzilla`.\* TO 'bugzilla-owner'@'localhost' WITH GRANT OPTION;  
GRANT ALL PRIVILEGES ON   
`bugzilla`.\* TO 'bugzilla-owner'@'127.0.0.1' WITH GRANT OPTION;  
GRANT ALL PRIVILEGES ON   
`bugzilla`.\* TO 'bugzilla-owner'@'::1' WITH GRANT OPTION;

[](https://4.bp.blogspot.com/-3FBWrgYezJQ/WC2CDR-eOCI/AAAAAAAAG24/kPwsZ8DlSZYwM1Pv8AI6pafVHRF8cAYcACLcB/s1600/Bugzilla-503--25.png)

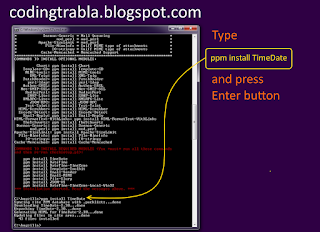
[](https://3.bp.blogspot.com/-XB-Gyn11zCo/WC2CDbVkhKI/AAAAAAAAG20/X-mrKw7NijocawB_6WD9fVNZN5laF9bNgCLcB/s1600/Bugzilla-503--26.png)  
8.  Now we are ready to start installation of BugZila 5.0.3 opensource Perl Bug tracking system  
- open Windows Command Prompt (CMD)

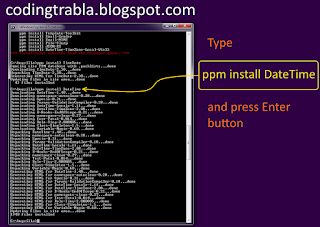
[](https://4.bp.blogspot.com/-1rZV19R9-Qs/WC2cjUAHKSI/AAAAAAAAG3I/slKAyOmMA_YVjZl2mf_lVUMSC1qlUQL5gCLcB/s1600/Bugzilla-503--28.png)  
- type CD C:\bugzilla and press Enter button on keyboard

[](https://1.bp.blogspot.com/-_wzUeusjLmM/WC2dBkxJNFI/AAAAAAAAG3M/tjnGNRd1ZUI5e6I6xRMFTaDyWQ-X8meewCLcB/s1600/Bugzilla-503--29.png)  
- type perl checksetup.pl and press Enter button

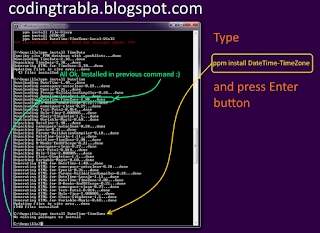
[](https://2.bp.blogspot.com/-s87fhw-5UXU/WC2do23cH_I/AAAAAAAAG3Q/c3YNSUmxW-kZEhagrdJFlHHy_vaYZoMCgCLcB/s1600/Bugzilla-503--30.png)  
You will see following output with list of required Perl modules to install   
( list of CMD commands). Also we need to run ppm install DBD-mysql - for MySQL support.  
Let's do it :)

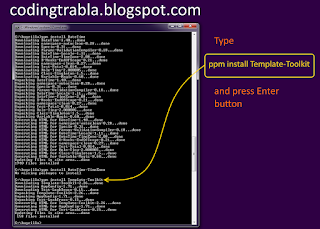
[](https://1.bp.blogspot.com/-so0AuODbupo/WC2e4QKgn3I/AAAAAAAAG3Y/TJGy4SwuRksAy95ozbQqisF2fn2iFFtsgCLcB/s1600/Bugzilla-503--31.png)  
- type ppm install TimeDate  and press Enter button

[](https://2.bp.blogspot.com/-OP0E8HUea8o/WC2frAWnWbI/AAAAAAAAG3c/tKLyNPRGPz41O1l9aZlUe-A3HSVxXhMygCLcB/s1600/Bugzilla-503--33.png)  
- type ppm install DateTime and press Enter button

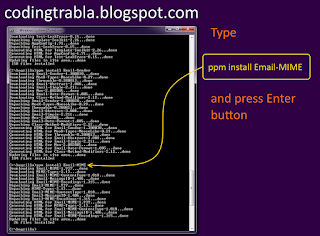
[](https://1.bp.blogspot.com/-zWJt7jQBnj0/WC2gR8XmylI/AAAAAAAAG3k/k9dCi7IynbQCSemAn4Kyb1tymLqxYnMogCLcB/s1600/Bugzilla-503--35.png)

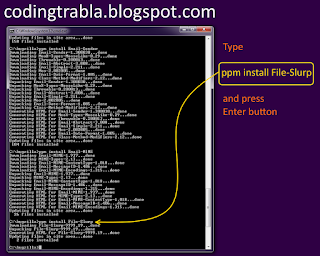
- type ppm install DateTime-TimeZone and press Enter button

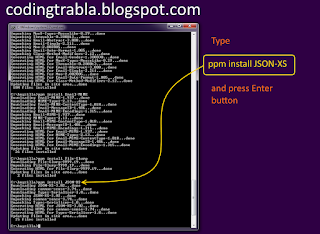
[](https://4.bp.blogspot.com/-IaAPYbmcZnA/WC2hSyytW4I/AAAAAAAAG3s/Xw-mxi47OD48HF1fbMUG92Fe7kGELh8RACLcB/s1600/Bugzilla-503--37.png)  
- type ppm install Template-Toolkit and press Enter button

[](https://4.bp.blogspot.com/-gIWPNvxQnvQ/WC2iF7256BI/AAAAAAAAG30/BQlzwqmyDdwXmnr-MimbYG9v2c-YgrgQQCLcB/s1600/Bugzilla-503--39.png)  
- type ppm install Email-Sender and press Enter button

[](https://4.bp.blogspot.com/-lGlNtJilfV4/WC2uV4KU8oI/AAAAAAAAG4E/U99a6OoiEhgowI28LhODnFJyJ-TVmUjNgCLcB/s1600/Bugzilla-503--41.png)  
- type ppm install Email-MIME and press Enter button

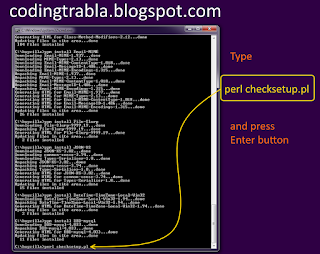
[](https://3.bp.blogspot.com/-zZk-OpY1Xu8/WC2u0PARXEI/AAAAAAAAG4I/C86hDMBwoQUVNRpBSl_3_uhRW8W2JX31gCLcB/s1600/Bugzilla-503--43.png)  
- type ppm install File-Slurp and press Enter button

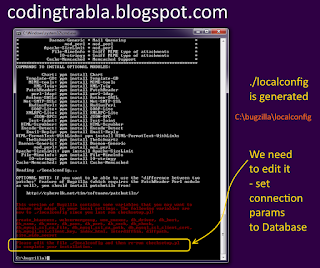
[](https://2.bp.blogspot.com/-X9xOgPLG4QM/WC2xqR-CZzI/AAAAAAAAG4Q/xa6x4nx5J5APji-F1jcCPIBcPPmagimJACLcB/s1600/Bugzilla-503--45.png)  
- type ppm install JSON-XS and press Enter button

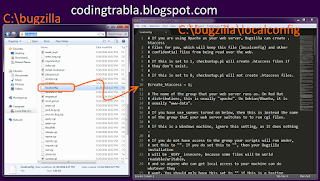
[](https://4.bp.blogspot.com/-Pfrjx6R1tnU/WC2yDP9ozQI/AAAAAAAAG4U/KOSQO01xaNwwITorDqD76EKj0wFk4lH8QCLcB/s1600/Bugzilla-503--47.png)  
- type ppm install DateTime-TimeZone-Local-Win32 and press Enter button

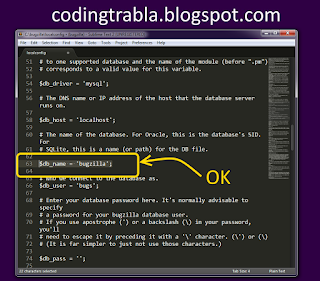
[](https://4.bp.blogspot.com/-X_JbZ1Z6JmA/WC2yjH5KuwI/AAAAAAAAG4Y/N2s_zH4yFjE9H-lPwiNscRMmZHg9vhNfACLcB/s1600/Bugzilla-503--49.png)  
- type ppm install DBD-mysql and press Enter button

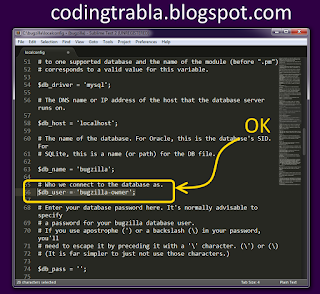
[](https://1.bp.blogspot.com/-kiwnyF519TI/WC2zAv4NMKI/AAAAAAAAG4c/Ihhmw5Y8MTsOiQ5HaYaMUBQBgw7lGTaFACLcB/s1600/Bugzilla-503--51.png)  
- type perl checksetup.pl  and press Enter button

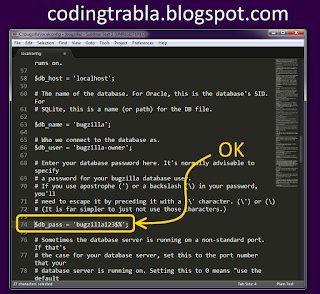
[](https://1.bp.blogspot.com/-yFL82c0tq0g/WC3BBKJdzUI/AAAAAAAAG4s/vAjyRHyiWS40ltm-DofAnE7fTMJptI5nQCLcB/s1600/Bugzilla-503--52.png)  
./localconfig  is generated. Now we need to edit this file - set Database connection params.  
( DO NOT CLOSE CMD window)

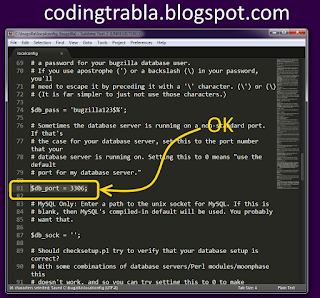
[](https://4.bp.blogspot.com/-3Ufs4h4FleA/WC3B62HPc0I/AAAAAAAAG4w/bLgPFh5Un1oMLAq8MNNVkkv4fiiwLevXACLcB/s1600/Bugzilla-503--53.png)  
- open C:\bugzilla\localconfig   file in text editor

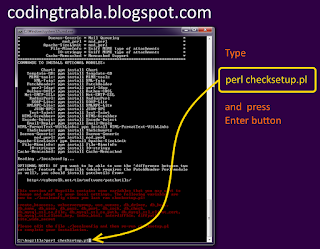
[](https://2.bp.blogspot.com/-XUu47rEW4g4/WC3C5ByulSI/AAAAAAAAG44/hlUGHHKuIKUPUWzFESR8Inq_tb-EBTGiACLcB/s1600/Bugzilla-503--54.png)  
- Find string  
$db\_name = 'bugs';  
change value to  
$db\_name = 'bugzilla';

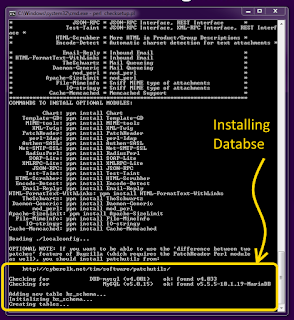
[](https://4.bp.blogspot.com/-Q96A_54BZvs/WC3J9U2fHRI/AAAAAAAAG5I/_bC4Rfa5-jYO9t-XehvWJyRg2SV1ebM8gCLcB/s1600/Bugzilla-503--56.png)  
- Find string  
$db\_user = 'bugs';  
change value to  
$db\_user = 'bugzilla-owner';

[](https://3.bp.blogspot.com/-BH9xSAdaU1E/WC3KURpFKMI/AAAAAAAAG5M/f-8ifN5VrsAK7COY11tQu3MF5Pr6H9axACLcB/s1600/Bugzilla-503--58.png)  
- Find string  
$db\_pass = '';  
change value to  
$db\_pass = 'bugzilla123$%';

[](https://1.bp.blogspot.com/-wqvs0kmc-rs/WC3KsFWmv5I/AAAAAAAAG5Q/An30NNZmpVc7AVvIlPSyV4P6u92uRTacwCLcB/s1600/Bugzilla-503--60.png)  
- Find string  
$db\_port = 0;  
change value to  
$db\_port = 3306;

[](https://4.bp.blogspot.com/-rlC4qVQ1l1U/WC3LKa-emQI/AAAAAAAAG5U/GhKtvK0LWcg2xeAY7OEsxPGS8CWUQFsnACLcB/s1600/Bugzilla-503--62.png)  
- Save & close C:\bugzilla\localconfig   file  
- go back to CMD , type  perl checksetup.pl  and press Enter button

[](https://1.bp.blogspot.com/-e4tN_teU6cE/WC3L_qdlK-I/AAAAAAAAG5Y/acSdx5dVHJwOA_C8yz54JnQSyQEYeJMUQCLcB/s1600/Bugzilla-503--63.png)  
- installing database

[](https://4.bp.blogspot.com/-TcujOY8PWts/WC3Mv3uhQ6I/AAAAAAAAG5g/Xt_rUllJ-f8hXQhUE0McKbDE_DkAIVXpwCLcB/s1600/Bugzilla-503--64.png)  
- type admin email and press Enter button

[](https://4.bp.blogspot.com/-9LJKQv1E5io/WC3NQxdgomI/AAAAAAAAG5k/Bkdis2NhNXkCSksY1N2K8gVxvVcOi367ACLcB/s1600/Bugzilla-503--67.png)  
- type admin name and press Enter button

[](https://2.bp.blogspot.com/-GjVFTz8KAN4/WC3OQlRD3NI/AAAAAAAAG5w/VTAXpqoDjZ4-WMqF2zPjz1r_khXY95pzQCLcB/s1600/Bugzilla-503--69.png)  
- type admin password and press Enter button &  
retype admin password and press Enter button  
[](https://1.bp.blogspot.com/-nn9Mf5Oonoc/WC3PKk5ju_I/AAAAAAAAG54/LoYJsFri-7crNvLUmMtuxUpD3BH-xQ0KgCLcB/s1600/Bugzilla-503--73.png)

- close CMD  
[](https://2.bp.blogspot.com/-0E4TsHyoTQE/WC3PqqsycqI/AAAAAAAAG58/JxtbuSyZijEwKbUauNJmPHXuBumQbhMPwCLcB/s1600/Bugzilla-503--74.png)

**[Setup Auto-Mail for Bugzilla (Gmail)]**

1. Go to C:\xampp\sendmail
2. Edit sendmail.ini with Notepad
3. Config as below:

smtp\_server=smtp.gmail.com

smtp\_port=465

smtp\_ssl=ssl

error\_logfile=error.log

auth\_username=cctestmail001@gmail.com

auth\_password=dewxsquvyrxthoaz **(Application password!!!!!!)**

[force\_sender=cctestmail001@gmail.com](mailto:force_sender=cctestmail001@gmail.com)

1. Copy all files in C:\xampp\sendmail and paste to C:\usr\lib (please create the path if you don’t have it.)
2. Go to C:\bugzilla\data and open params.json
3. Config as below:

"mail\_delivery\_method" : "Sendmail",

"mailfrom" : "cctestmail001@gmail.com",

"maintainer" : "cctestmail001@gmail.com",

"smtp\_password" : "dewxsquvyrxthoaz",

"smtp\_ssl" : "0",

"smtp\_username" : "cctestmail001@gmail.com",

"smtpserver" : "smtp.gmail.com:465",

1. Go to xampp => Apache => Config => PHP.ini

Config as below:

[mail function]

; For Win32 only.

; http://php.net/smtp

;SMTP = localhost

; http://php.net/smtp-port

;smtp\_port = 25

SMTP = smtp.gmail.com

smtp\_port = 465

sendmail\_from = cctestmail001@gmail.com

sendmail\_path = "\"C:\usr\lib\sendmail.exe" -t"

1. Go to localhost Bugzilla administration => parameters => Email
2. Config as below:

