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| Install Bugzilla URL reference doc:  <http://www.bugzilla.org/download/>  [ubuntu下Bugzilla的安装与配置](http://blog.csdn.net/ocean181/article/details/7184961)  分类： [开发工具使用](http://blog.csdn.net/ocean181/article/category/783331)2012-01-08 13:35 1293人阅读 [评论](http://blog.csdn.net/ocean181/article/details/7184961#comments)(1) 收藏 [举报](http://blog.csdn.net/ocean181/article/details/7184961#report)  [ubuntu](http://www.csdn.net/tag/ubuntu)[perl](http://www.csdn.net/tag/perl)[bugs](http://www.csdn.net/tag/bugs)[apache](http://www.csdn.net/tag/apache)[mysql](http://www.csdn.net/tag/mysql)[数据库](http://www.csdn.net/tag/%e6%95%b0%e6%8d%ae%e5%ba%93)  **Bugzilla简介** Bugzilla是一个共享的免费的产品缺陷记录及跟踪工具（Bug-Tracking System）。由Mozilla公司提供。创始人是Terry Weissman，开始时使用一种名为“TCL”的语言创建的，后用Perl语言实现，并作为Open source发布。它可以管理[软件](http://baike.baidu.com/view/37.htm)开发中缺陷的提交（new），修复（resolve），关闭（close）等整个生命周期。 **Bugzilla特点** Bugzilla能够为你建立一个完善的bug跟踪体系，包括报告bug、查询bug记录并产生报表、处理解决bug、管理员系统初始化和设置四部分。Bugzilla具有如下特点： 1．基于Web方式，安装简单、运行方便快捷、管理安全。 2．有利于缺陷的清楚传达。本系统使用数据库进行管理，提供全面详尽的报告输入项，产生标准化的bug报告。 提供大量的分析选项和强大的查询匹配能力，能根据各种条件组合进行bug统计。当缺陷在它的生命周期中变化时，开发人员、测试人员、及管理人员将及时获得 动态的变化信息，允许你获取历史记录，并在检查缺陷的状态时参考这一记录。 3．系统灵活，强大的可配置能力。Bugzilla工具可以对软件产品设定不同的模块，并针对不同的模块设定开发人员和测试人员。这样可以实现提交报告时 自动发给指定的责任人，并可设定不同的小组，权限也可划分。设定不同的用户对bug记录的操作权限不同，可有效控制进行管理。允许设定不同的严重程度和优 先级。可以在缺陷的生命期中管理缺陷。从最初的报告到最后的解决，确保了缺陷不会被忽略。同时可以使注意力集中在优先级和严重程度高的缺陷上。 4．自动发送Email,通知相关人员。根据设定的不同责任人，自动发送最新的动态信息，有效的帮助测试人员和开发人员进行沟通。  **需要预先安装一下几个软件**   * Perl(V5.8.1以上) * 数据库引擎(Mysql/postgresql/Oracle) * Web服务器 * Perl Moudles(Perl 模块) * Mail Transfer Agent   具体步骤如下：  **一、Perl**  一般是系统自带，如果没有或者版本不符合要求，请自行安装，或者apt-get install 用Perl -v查看perl版本信息  **二、数据库引擎（mysqlserver）**  安装命令:sudo apt-get install mysql-server（安装完成的最后，会让你输入root管理员的帐号密码，记住该密码，此root非用户组中的root，而是mysql数据库的root管理员根帐号）  **三、Web服务器（apache2）**  安装命令 : sudo apt-get install apache2  **四、Mail Transfer Agent**  安装命令： sudo apt-get install sendmail  **五、下载bugzilla及安装Perl模块**  下载链接：<http://www.bugzilla.org/>  将该文件解压缩到/var/www/目录下  sudo tar -C /var/www/ -xvf bugzilla-3.6.3.tar.gz  解压完毕，该目录下将会有一个名为bugzilla-3.6.3的目录，将该目录改名为bugzilla并切换到/var/www/bugzilla/目录  sudo mv bugzilla-3.6.3 bugzilla & cd /var/www/bugzilla/  在bugzilla目录下有一个checksetup.pl的文件，运行该文件  sudo perl checksetup.pl  运行完毕，会告诉你当前bugzilla还差那些perl模块需要安装，并且有提示安装命令。这里我们只需要安装必须的一些包就可以了，可选包可以不用安装。安装这些必须的包的命令一般为：  /usr/bin/perl install-module.pl --all  这句命令将安装bugzilla所需要的一系列perl模块，基本上运行完毕，安装bugzilla的前期准备工作都做的差不多了。 当然也存在一些安装不上的情况，这时要自己安装，我安装时候存在YAML和DateTime 安装不成功，通过如下命令安装或到cpan上下载需要的模块安装  sudo /usr/bin/perl install-module.pl YAML  sudo /usr/bin/perl install-module.pl DateTime  这句命令将安装bugzilla所需要的一系列perl模块，基本上运行完毕，安装bugzilla的前期准备工作都做的差不多了。  其实这个时候bugzilla差不多可以算是安装好一大半了，剩下的就是一些配置的问题了。  **六、配置**  **1、mysql的配置。**  bugzilla需要用mysql数据库来管理bugs，其默认的数据库名字为bugs，默认的数据库管理员帐号为bugs，默认管理员密码为空，这些都是写在配置文件localconfig中的。所以我们需要添加一个bugs的mysql数据管理员用户，并创建一个名为bugs的数据库来保存bugzilla提交的bugs。  在终端输入：  mysql -u root -p（用mysql的root管理员登录mysql，以添加用户bugs），终端会提示输入密码，即之前安装mysql时的最后输入的root密码。  进入mysql界面后  grant all on \*.\* to bugs[@localhost](mailto:newuser@localhost) identified by '';flush privileges;（别忘最后的‘；'号），这样我们就创建好了mysql的用户bugs，供bugzilla使用。  最后创建bugs数据库文件。在mysql界面中输入：  CREATE DATABASE bugs;  **2、apache2服务器的配置**  打开apache2的配置文件httpd.conf  sudo vi /etc/apache2/httpd.conf，在其中添加如下内容：  <Directory "/var/www/bugzilla/">  AddHandler cgi-script .cgi  Options +Indexes +ExecCGI +FollowSymLinks  DirectoryIndex index.cgi  AllowOverride None  Order allow,deny  Allow from all  </Directory>  **3、bugzilla的配置**  修改/bugzilla/localconfig文件中的一句话：$webservergroup = 'www-data';  这里为什么填www-data呢，这是由我们安装好的apache2的环境变数决定的，该变数存在文件/etc/apache2/envvars中，文件的内容如下：  # settings are defined via environment variables and then used in apache2ctl, # /etc/init.d/apache2, /etc/logrotate.d/apache2, etc. export APACHE\_RUN\_USER=www-data export APACHE\_RUN\_GROUP=www-data  这就是我们要填www-data的原因了，另外我们需要修改bugzilla目录的owner和groups。因为apache2环境变数决定是其是用www-data用户组来执行的。修改的命令为：sudo chgrp -R root.www-data bugzilla。  最后在终端执行下面的命令：sudo perl checksetup.pl，运行完毕bugzilla将会顺利的安装好，在安装的最后会让你输入bugzilla系统的管理员帐号和密码，这个必须记好了。  **七、启动bugzilla**  重启apache2服务器和mysqlserver  sudo /etc/init.d/apache2 restart  sudo /etc/init.d/mysql restart  bugzilla的环境算是基本上搭建好了，接下来打开firefox就可以用了。  在地址一栏输入http://localhost/bugzilla就可以看到bugzilla的首页了，截图如下：  C:\Users\Administrator.ZJIGMRH03HM6S1A\AppData\Roaming\Foxmail7\Temp-12756\90443293H2U6(01-20-13-13-15).jpg  1. install Mysql  1.1 sudo apt-get install mysql-server mysql-client  1.2 check how the mysql client  2. install Appache  2.1 sudo apt-get install apache2  ref:http://www.cnblogs.com/lynch\_world/archive/2012/01/06/2314717.html  3. install PHP  4. install Perl  5. Mail Transfer Agent  6. install Bugzilla  6.1 sudo tar -C /var/www/ -xvf bugzilla-3.6.3.tar.gz  6.2 sudo mv bugzilla-3.6.3 bugzilla & cd /var/www/bugzilla/  6.3 /usr/bin/perl install-module.pl --all  Checking perl modules...  Checking for CGI.pm (v3.51) ok: found v3.63  Checking for Digest-SHA (any) ok: found v5.61  Checking for TimeDate (v2.23) ok: found v2.24  Checking for DateTime (v0.28) not found  Checking for DateTime-TimeZone (v0.71) not found  Checking for DBI (v1.614) ok: found v1.622  Checking for Template-Toolkit (v2.22) not found  Checking for Email-Send (v2.04) not found  Checking for Email-MIME (v1.904) not found  Checking for URI (v1.37) not found  Checking for List-MoreUtils (v0.32) not found  Checking for Math-Random-ISAAC (v1.0.1) not found  Checking available perl DBD modules...  Checking for DBD-Pg (v2.7.0) not found  Checking for DBD-mysql (v4.001) ok: found v4.021  Checking for DBD-SQLite (v1.29) not found  Checking for DBD-Oracle (v1.19) not found  The following Perl modules are optional:  Checking for GD (v1.20) not found  Checking for Chart (v2.1) not found  Checking for Template-GD (any) not found  Checking for GDTextUtil (any) not found  Checking for GDGraph (any) not found  Checking for MIME-tools (v5.406) not found  Checking for libwww-perl (any) not found  Checking for XML-Twig (any) not found  Checking for PatchReader (v0.9.6) not found  Checking for perl-ldap (any) not found  Checking for Authen-SASL (any) not found  Checking for Net-SMTP-SSL (v1.01) not found  Checking for RadiusPerl (any) not found  Checking for SOAP-Lite (v0.712) not found  Checking for XMLRPC-Lite (v0.712) not found  Checking for JSON-RPC (any) not found  Checking for JSON-XS (v2.0) not found  Checking for Test-Taint (any) not found  Checking for HTML-Parser (v3.67) not found  Checking for HTML-Scrubber (any) not found  Checking for Encode (v2.21) ok: found v2.42\_01  Checking for Encode-Detect (any) not found  Checking for Email-Reply (any) not found  Checking for HTML-FormatText-WithLinks (v0.13) not found  Checking for TheSchwartz (v1.07) not found  Checking for Daemon-Generic (any) not found  Checking for mod\_perl (v1.999022) not found  Checking for Apache-SizeLimit (v0.96) not found  Checking for File-MimeInfo (any) not found  Checking for IO-stringy (any) not found  Checking for mod\_headers (any) not found  Checking for mod\_expires (any) not found  C:\Users\Administrator.ZJIGMRH03HM6S1A\AppData\Roaming\Foxmail7\Temp-12756\clipboard(01-20-13-13-15)(1).png  C:\Users\Administrator.ZJIGMRH03HM6S1A\AppData\Roaming\Foxmail7\Temp-12756\clipboard(01-20-13-13-15).png  we should install the GD as following commands  sudo apt-get install libgd2-xpm-dev to install GD  the success install prop as following:  huangchangjiang@lanan1:/var/www/bugzilla$ sudo perl checksetup.pl  \* This is Bugzilla 4.4.1 on perl 5.14.2  \* Running on Linux 3.8.0-19-generic #29-Ubuntu SMP Wed Apr 17 18:16:28 UTC 2013  Checking perl modules...  Checking for CGI.pm (v3.51) ok: found v3.63  Checking for Digest-SHA (any) ok: found v5.61  Checking for TimeDate (v2.23) ok: found v2.24  Checking for DateTime (v0.28) ok: found v1.03  Checking for DateTime-TimeZone (v0.71) ok: found v1.63  Checking for DBI (v1.614) ok: found v1.622  Checking for Template-Toolkit (v2.22) ok: found v2.25  Checking for Email-Send (v2.04) ok: found v2.199  Checking for Email-MIME (v1.904) ok: found v1.925  Checking for URI (v1.37) ok: found v1.60  Checking for List-MoreUtils (v0.32) ok: found v0.33  Checking for Math-Random-ISAAC (v1.0.1) ok: found v1.004  Checking available perl DBD modules...  Checking for DBD-Pg (v2.7.0) not found  Checking for DBD-mysql (v4.001) ok: found v4.021  Checking for DBD-SQLite (v1.29) not found  Checking for DBD-Oracle (v1.19) not found  The following Perl modules are optional:  Checking for GD (v1.20) ok: found v2.50  Checking for Chart (v2.1) ok: found v2.4.6  Checking for Template-GD (any) ok: found v1.56  Checking for GDTextUtil (any) ok: found v0.86  Checking for GDGraph (any) ok: found v1.48  Checking for MIME-tools (v5.406) ok: found v5.505  Checking for libwww-perl (any) ok: found v6.05  Checking for XML-Twig (any) not found  Checking for PatchReader (v0.9.6) ok: found v0.9.6  Checking for perl-ldap (any) ok: found v0.57  Checking for Authen-SASL (any) ok: found v2.16  Checking for Net-SMTP-SSL (v1.01) not found  Checking for RadiusPerl (any) ok: found v0.24  Checking for SOAP-Lite (v0.712) ok: found v1.08  Checking for XMLRPC-Lite (v0.712) ok: found v0.717  Checking for JSON-RPC (any) ok: found v1.03  Checking for JSON-XS (v2.0) ok: found v3.01  Checking for Test-Taint (any) ok: found v1.06  Checking for HTML-Parser (v3.67) ok: found v3.71  Checking for HTML-Scrubber (any) ok: found v0.11  Checking for Encode (v2.21) ok: found v2.42\_01  Checking for Encode-Detect (any) ok: found v1.01  Checking for Email-Reply (any) ok: found v1.203  Checking for HTML-FormatText-WithLinks (v0.13) ok: found v0.14  Checking for TheSchwartz (v1.07) ok: found v1.10  Checking for Daemon-Generic (any) ok: found v0.84  Checking for mod\_perl (v1.999022) not found  Checking for Apache-SizeLimit (v0.96) not found  Checking for File-MimeInfo (any) ok: found v0.21  Checking for IO-stringy (any) ok: found v2.110  Checking for mod\_headers (any) not found  Checking for mod\_expires (any) not found  Checking for mod\_env (any) ok  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* OPTIONAL MODULES \*  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Certain Perl modules are not required by Bugzilla, but by \*  \* installing the latest version you gain access to additional \*  \* features. \*  \* \*  \* The optional modules you do not have installed are listed below, \*  \* with the name of the feature they enable. Below that table are the \*  \* commands to install each module. \*  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* MODULE NAME \* ENABLES FEATURE(S) \*  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* XML-Twig \* Move Bugs Between Installations, Automatic Update Notifications \*  \* Net-SMTP-SSL \* SSL Support for SMTP \*  \* mod\_perl \* mod\_perl \*  \* Apache-SizeLimit \* mod\_perl \*  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* APACHE MODULES \*  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Normally, when Bugzilla is upgraded, all Bugzilla users have to \*  \* clear their browser cache or Bugzilla will break. If you enable \*  \* certain modules in your Apache configuration (usually called \*  \* httpd.conf or apache2.conf) then your users will not have to clear \*  \* their caches when you upgrade Bugzilla. The modules you need to \*  \* enable are: \*  \* \*  \* mod\_headers, mod\_expires \*  \* \*  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  COMMANDS TO INSTALL OPTIONAL MODULES:  XML-Twig: /usr/bin/perl install-module.pl XML::Twig  Net-SMTP-SSL: /usr/bin/perl install-module.pl Net::SMTP::SSL  mod\_perl: /usr/bin/perl install-module.pl mod\_perl2  Apache-SizeLimit: /usr/bin/perl install-module.pl Apache2::SizeLimit  To attempt an automatic install of every required and optional module  with one command, do:  /usr/bin/perl install-module.pl --all  Reading ./localconfig...  OPTIONAL NOTE: If you want to be able to use the 'difference between two  patches' feature of Bugzilla (which requires the PatchReader Perl module  as well), you should install patchutils from:  http://cyberelk.net/tim/patchutils/  Checking for DBD-mysql (v4.001) ok: found v4.021  Checking for MySQL (v5.0.15) ok: found v5.5.34-0ubuntu0.13.04.1  Removing existing compiled templates...  Precompiling templates...done.  Fixing file permissions...  Initializing "Dependency Tree Changes" email\_setting ...  Initializing "Product/Component Changes" email\_setting ...  Marking closed bug statuses as such...  Creating default classification 'Unclassified'...  Setting up foreign keys...  Setting up the default status workflow...  Creating default groups...  Setting up user preferences...  Looks like we don't have an administrator set up yet. Either this is  your first time using Bugzilla, or your administrator's privileges  might have accidentally been deleted.  Enter the e-mail address of the administrator: loveforlinux@163.comn^H^H  The e-mail address you entered (loveforlinux@163.co) didn't pass  our syntax checking for a legal email address. A legal address must  contain exactly one '@', and at least one '.' after the @. It also must  not contain any illegal characters.  Enter the e-mail address of the administrator: loveforlinux@163.com  Enter the real name of the administrator: root  Enter a password for the administrator account:  Please retype the password to verify:  loveforlinux@163.com is now set up as an administrator.  Creating initial dummy product 'TestProduct'...  Now that you have installed Bugzilla, you should visit the 'Parameters'  page (linked in the footer of the Administrator account) to ensure it  is set up as you wish - this includes setting the 'urlbase' option to  the correct URL.  checksetup.pl complete.  huangchangjiang@lanan1:/var/www/bugzilla$  /var/www/bugzilla/template 是语言库  **emailregexp**  ^[\w\.\+\-=]+@[\w\.\-]+\.[\w\-]+$ => ^[\w\.\+\-=]+@[\w\.\-]+[\w\.\-]+\.[\w\-]+$  how to open delete user funciton:  1. login as adminstrator  2. entry |
| |  |  | | --- | --- | | Bugzilla邮件发送设置，下图中配置的作为管理员发送的邮一定要确定  在本机可以发送接收邮件，配置完全后进入安装路径/var/www/bugzilla  检查邮箱队列./jobqueue.pl check是否running  ./jobqueue.pl start 开启 | [有道云笔记](http://note.youdao.com/) | |