主页面　　云计算　　…　　Nginx+Lua配置　　　　　　　　浏览　　登录　Search Confluence

Nginx+Lua配置

工具

被zhangjunfeng1添加，被zhangjunfeng1最后更新于六月 02, 2015

1、下载安装包：

http://luajit.org/download/LuaJIT-2.0.3.tar.gz?
https://codeload.github.com/simpl/ngx_devel_kit/tar.gz/v0.2.19
https://codeload.github.com/openresty/lua-nginx-module/tar.gz/v0.9.15
http://nginx.org/download/nginx-1.9.0.tar.gz
https://codeload.github.com/diegonehab/luasocket/tar.gz/v3.0-rc1
https://codeload.github.com/calio/form-input-nginx-module/tar.gz/v0.10

2、安装依赖

yum install -y readline-devel ncurses-devel
yum install libreadline-dev libncurses5-dev libpcre3-dev perl
yum install -y make gcc
yum install readline-devel pcre-devel openssl-devel

3、先安装luajit

前提：修改Makefile中的export PREFIX ，改变安装路径——不一定需要操作。
make
make install
①配置环境变量
export LUA_PATH=/usr/local/luajit/share/lua/?.lua\;?.lua;
export LUA_CPATH=/usr/local/luajit/lib/lua/?.so\;?.so;
export PATH=$PATH:/usr/local/luajit/bin

export LUAJIT_LIB=/usr/local/luajit/lib
export LUAJIT_INC=/usr/local/luajit/include/luajit-2.0
②ln -s /usr/local/luajit/lib/libluajit-5.1.so.2 /lib64/libluajit-5.1.so.2

4、安装nginx

./configure --prefix=/usr/local/nginx --add-module=../lua-nginx-module-0.9.15 --add-module=../ngx_devel_kit-0.2.19 --add-module=../form-input-nginx-module-0.10
make

出现的错误1:

../lua-nginx-module-0.9.15/src/ngx_http_lua_initworkerby.c: In function 'ngx_http_lua_init_worker':
../lua-nginx-module-0.9.15/src/ngx_http_lua_initworkerby.c:230: error: implicit declaration of function 'ngx_http_set_connection_log'
解决办法：
把
#if defined(nginx_version) && nginx_version >= 1003014

ngx_http_set_connection_log(r->connection, clcf->error_log);

#else

c->log->file = clcf->error_log->file;

```
if (!(c->log->log_level & NGX_LOG_DEBUG_CONNECTION)) {
c->log->log_level = clcf->error_log->log_level;
}

#endif
```

替换为：

```
#if defined(nginx_version) && nginx_version >= 100900

ngx_set_connection_log(r->connection, clcf->error_log);

#elif defined(nginx_version) && nginx_version < 100900 && nginx_version >= 1003014

ngx_http_set_connection_log(r->connection, clcf->error_log);

#else

c->log->file = clcf->error_log->file;

if (!(c->log->log_level & NGX_LOG_DEBUG_CONNECTION)) {
c->log->log_level = clcf->error_log->log_level;
}

#endif
```

出现的错误**2**：

```
../lua-nginx-module-0.9.15/src/ngx_http_lua_timer.c: In function 'ngx_http_lua_timer_handler':
../lua-nginx-module-0.9.15/src/ngx_http_lua_timer.c:353: error: implicit declaration of function 'ngx_http_set_connection_log'
```

解决办法同上，替换代码即可

出现的错误3：

undefined reference to 'pcre_free_study'

解决办法：

去pcre.org下载pcre包，在nginx的configure参数中添加 --with-pcre=../pcre-xx.xx --with-pcre-jit

make install

5、安装luasocket

①修改**luasocket/src/makefile**，对应**luajit**指定路径

```
# LUAINC_linux:
# /usr/include/lua$(LUAV)
# /usr/local/include
# /usr/local/include/lua$(LUAV)
# where lua headers are found for linux builds
LUAINC_linux_base?=/usr/local
LUAINC_linux?=$(LUAINC_linux_base)/luajit/include/luajit-2.0
LUAPREFIX_linux?=/usr/local/luajit
CDIR_linux?=lib/lua
LDIR_linux?=share/lua
```

②安装

```
make PLAT=linux LUAV=jit
make install
```