



链滴

从零搭建 Nginx + Lua 开发环境 CentOS-6 .7 + Nginx-1.11.2 + LuaJIT-2.1.0 + LuaRo cks-2.4.2

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原文链接: <https://ld246.com/article/1544517688477>

来源网站: 链滴

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

原文链接: [从零搭建Nginx + Lua开发环境 CentOS-6.7 + Nginx-1.11.2 + LuaJIT-2.1.0 + LuaRocks 2.4.2](#)

本文主要介绍从零搭建[Nginx + Lua开发环境](#) , 系统及软件环境为 CentOS-6.7 + Nginx-1.11.2 + [uaJIT-2.1.0 + LuaRocks-2.4.2](#)。

1.建立soft目录

```
mkdir soft
cd soft/
```

2.安装必备的工具

```
sudo yum -y install gcc automake autoconf libtool make libffi-devel python-devel openssl-devel libbz2-dev libXext libXrender fontconfig libfontconfig.so.1 libgfortran gcc-gfortran lapack-evel.x86_64 blas-devel.x86_64 gcc-c++ pcre-devel zlib-devel epel-release
```

3.更新系统

```
sudo yum update
sudo yum upgrade
```

4.设置中文语言

编辑 [/etc/profile](#) 文件, 在文件最下面输入变量

```
sudo vi /etc/profile
    export LC_ALL=zh_CN.utf-8
    export LANG=zh_CN.utf-8
source /etc/profile
```

5.设置时区

```
sudo cp /usr/share/zoneinfo/Asia/Shanghai /etc/localtime
sudo vi /etc/sysconfig/clock
    #ZONE="Etc/UTC"
    ZONE="Asia/Shanghai"
    UTC=false
    ARC=false
sudo ntpdate -u ntp.api.bz
```

6.安装LuaJIT

```
wget http://luajit.org/download/LuaJIT-2.1.0-beta2.tar.gz
tar -zxvf LuaJIT-2.1.0-beta2.tar.gz
cd LuaJIT-2.1.0-beta2
make
sudo make install
sudo vi /etc/profile
    export LUAJIT_LIB=/usr/local/lib
    export LUAJIT_INC=/usr/local/include/luajit-2.1
source /etc/profile
```

7.安装Nginx

7.1 下载Nginx开发套件ngx_devel_kit

```
wget https://github.com/simpl/ngx_devel_kit/archive/v0.3.0.tar.gz
tar -zxvf v0.3.0.tar.gz
```

7.2 下载Nginx的Lua模块

```
wget https://github.com/openresty/lua-nginx-module/archive/v0.10.7.tar.gz
tar -zxvf v0.10.7.tar.gz
```

7.3 安装Nginx

```
wget http://nginx.org/download/nginx-1.11.2.tar.gz
tar -zxvf nginx-1.11.2.tar.gz
cd nginx-1.11.2
./configure --with-ld-opt="-Wl,-rpath,/usr/local/lib" --add-module=/home/tianqi/soft/ngx_devel_kit-0.3.0 --add-module=/home/tianqi/soft/lua-nginx-module-0.10.7 --with-http_realip_module --with-http_stub_status_module --with-http_ssl_module
sudo make && sudo make install
```

8. 安装LuaROCKS

```
cd ../soft/
wget http://luarocks.github.io/luarocks/releases/luarocks-2.4.4.tar.gz
tar -zxvf luarocks-2.4.4.tar.gz
cd luarocks-2.4.4
./configure --with-lua="/usr/local" --lua-suffix="jit-2.1.0-beta2" --with-lua-include="/usr/local/include/luajit-2.1"
make build
sudo make install
sudo mkdir /usr/local/lib/luarocks
sudo mkdir /usr/local/lib/luarocks/rocks
sudo chmod -R 777 /usr/local/lib/luarocks/rocks
sudo chmod -R 777 /usr/local/
```

9. 安装其他组件

```
luarocks install luaposix
luarocks install luacrypto
```