下载源码：

wget <http://nginx.org/download/nginx-1.13.0.tar.gz>

解压：

[root@bogon nginx-1.13.0]# tar xzvf nginx-1.13.0.tar.gz

进入到源码目录：

cd nginx-1.13.0

查看源码文件：

[root@bogon nginx-1.13.0]# ls

auto CHANGES CHANGES.ru conf configure contrib html LICENSE man README src

执行编译前配置：

[root@bogon nginx-1.13.0]# ./configure

这个过程中可能出错，如：

./configure: error: the HTTP rewrite module requires the PCRE library.

You can either disable the module by using --without-http\_rewrite\_module

option, or install the PCRE library into the system, or build the PCRE library

statically from the source with nginx by using --with-pcre=<path> option.

nginx 安装和HTTP 的rewrite 模块需要pcre 库，所以要先安装有pcre库，或者按照提示编译时不编译http重写模块，使用命令—without-http\_rewrite\_module

解决：系统的pcre库nginx不能很好地识别，需要的是pcre-devel，所以安装pcre-devel

这里直接使用yum安装pcre-devel库

[root@bogon nginx-1.13.0]# yum install pcre-devel

安装好pcre-devel库后子进入nginx源码目录，再次执行./configure

又出错：

./configure: error: the HTTP gzip module requires the zlib library.

You can either disable the module by using --without-http\_gzip\_module

option, or install the zlib library into the system, or build the zlib library

statically from the source with nginx by using --with-zlib=<path> option.

http gzip模块需要zlib库，nginx也不能识别系统的zlib库，需要安装zlib-devel

，则yum 安装zlib-devel库：

[root@bogon nginx-1.13.0]# yum install zlib-devel

再次在nginx源码目录执行./configure

预编译结果：这些都是当实际编译时会产生的结果，可以在编译的时候通过—prefix等来改变

Configuration summary

+ using system PCRE library

+ OpenSSL library is not used

+ using system zlib library

nginx path prefix: "/usr/local/nginx"

nginx binary file: "/usr/local/nginx/sbin/nginx"

nginx modules path: "/usr/local/nginx/modules"

nginx configuration prefix: "/usr/local/nginx/conf"

nginx configuration file: "/usr/local/nginx/conf/nginx.conf"

nginx pid file: "/usr/local/nginx/logs/nginx.pid"

nginx error log file: "/usr/local/nginx/logs/error.log"

nginx http access log file: "/usr/local/nginx/logs/access.log"

nginx http client request body temporary files: "client\_body\_temp"

nginx http proxy temporary files: "proxy\_temp"

nginx http fastcgi temporary files: "fastcgi\_temp"

nginx http uwsgi temporary files: "uwsgi\_temp"

nginx http scgi temporary files: "scgi\_temp"

nginx的模块都可以使用without和add来在编译的时候添加或者不添加模块

如果需要编译进某些模块，到官网搜索相关模块：

官网：<https://www.nginx.com/resources/wiki/modules>

找到对应的模块，按照指示来安装

[root@bogon nginx-1.13.0]# ./configure --add-module=../mymodules/nginx\_upload\_module-2.2.0 --add-module=../mymodules/nginx\_upload\_process\_module-0.9.0

执行结果：

adding module in ../mymodules/nginx\_upload\_module-2.2.0

+ ngx\_http\_upload\_module was configured

adding module in ../mymodules/nginx\_upload\_process\_module-0.9.0.tar.gz

./configure: error: no ../mymodules/nginx\_upload\_process\_module-0.9.0.tar.gz/config was found

安装：

make & make install