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| Neusoft |
| CentOS & Weblogic & Oracle & Nginx |
| CentOS 6.4 Nginx Image 水印及缩略图处理 |

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## 方案一 使用nginx自带的 http\_image\_filter\_module

#解压安装包

tar zxf nginx-1.6.1.tar.gz

#安装pcre开发包

yum -y install make gcc gcc-c++ ncurses-devel perl pcre-devel zlib zlib-devel

#如果需要ssl功能需要openssl库   
    yum -y install openssl openssl--devel

#安装如下模块

yum -y install libgd2-devel libpcre-devel libcurl-devel gd-devel

#安装nginx

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| --- |
| #第一种依赖http\_image\_filter\_module  ./configure --user=root --group=root --prefix=/usr/local/nginx/nginx-img --with-http\_image\_filter\_module --with-openssl=/usr/lib64/openssl --with-pcre --with-http\_stub\_status\_module --without-http\_memcached\_module --without-http\_fastcgi\_module --without-http\_rewrite\_module --without-http\_map\_module --without-http\_geo\_module --without-http\_autoindex\_module |

#make   
    #make install   
    #启动服务   
    #/usr/local/nginx/sbin/nginx

## 方案二 使用 nginx\_image\_thumb-master

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| #第二种依赖ngx\_image\_thumb-master  ./configure --user=root --group=root --prefix=/usr/local/nginx/nginx-img --add-module=ngx\_image\_thumb-master --with-openssl=/usr/lib64/openssl --with-pcre --with-http\_stub\_status\_module --without-http\_memcached\_module --without-http\_fastcgi\_module --without-http\_rewrite\_module --without-http\_map\_module --without-http\_geo\_module --without-http\_autoindex\_module |

## 方案三 使用Nginx+lua\_Nginx+GraphicsMagick

Lua lua-devel

LuaJIT

GraphicsMagick

simpl-ngx\_devel\_kit - https://github.com/simpl/ngx\_devel\_kit/tags

chaoslawful-lua-[nginx](http://www.111cn.net/list-195/" \t "_blank)-module - https://github.com/chaoslawful/lua-nginx-module/tags

agentzh-echo-nginx-module - https://github.com/openresty/echo-nginx-module/archive/

ngx\_cache\_purge - <http://wiki.nginx.org/CachePurgeChs>

安装lua

|  |
| --- |
| yum install lua lua-devel |

安装luaJIT 解压拷贝到： /usr/local/LuaJIT-2.0.3

|  |
| --- |
| cd LuaJIT-2.0.3 make && make install PREFIX=/usr/local/lj2  #建立软链接  ln -sf /usr/local/lj2/bin/luajit /usr/local/bin/luajit  ln -sf /usr/local/lj2/lib/libluajit-5.1.so.2 /usr/local/lib/libluajit-5.1.so.2 |

安装GraphicsMagick-1.3.19 解压拷贝到 /usr/local/gm

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| --- |
| cd gm  ./configure -prefix=/usr/local/gm make && make install |

解压nginx扩展模块 文件目录 /usr/local/nginx-resource/ext

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| --- |
| tar xvf ngx\_devel\_kit-0.2.19.tar.gz  tar xvf lua-nginx-module-0.9.10.tar.gz  tar xvf echo-nginx-module-0.54.tar.gz  tar xvf ngx\_cache\_purge-2.1.tar.gz |

配置环境变量

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| --- |
| export JAVA\_HOME=/usr/local/java/jdk1.7.0\_75  export JAVA\_BIN=$JAVA\_HOME/bin  export PATH=$PATH:$JAVA\_BIN  export CLASSPATH=.:$JAVA\_HOME/lib/dt.jar:$JAVA\_HOME/lib/tools.jar  export LUAJIT\_LIB=/usr/local/lj2/lib  export LUAJIT\_INC=/usr/local/lj2/include/luajit-2.0  export LD\_LIBRARY\_PATH=/usr/local/lib  export PKG\_CONFIG\_PATH=/usr/local/gm/lib/pkgconfig  export GM\_HOME=/usr/local/gm  export GM\_BIN=$GM\_HOME/bin  export PATH=$PATH:$GM\_BIN  export JAVA\_HOME JAVA\_BIN GM\_HOME GM\_BIN PATH CLASSPATH |

编译安装nginx

完整编译安装

|  |
| --- |
| ./configure --user=root --group=root --prefix=/usr/local/nginx-resource --with-openssl=/usr/lib64/openssl --with-pcre --with-http\_stub\_status\_module --without-http\_memcached\_module --without-http\_fastcgi\_module --without-http\_map\_module --without-http\_geo\_module --without-http\_autoindex\_module --with-ld-opt=-Wl,-rpath,/usr/local/LuaJIT/lib --add-module=/usr/local/nginx-resource/ext/ngx\_devel\_kit-0.2.19 --add-module=/usr/local/nginx-resource/ext/ngx\_cache\_purge-2.1 --add-module=/usr/local/nginx-resource/ext/lua-nginx-module-0.9.10 --add-module=/usr/local/nginx-resource/ext/echo-nginx-module-0.54  make & make install |

Nginx配置 location

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| --- |
| set $image\_root /var/local/webroot/img;  set $file $image\_root$uri;  set $forward\_url "";  if (!-e $file) {  rewrite\_by\_lua '  local originalUri = nil;  local area = nil;  local index = string.find(ngx.var.uri, "([0-9]+)x([0-9]+)");  local oUIndex = nil;  local fileExtName = nil;  local fileSuffix = nil;  if index ~= nil then  originalUri = string.sub(ngx.var.uri, 0, index-2);  oUIndex = string.find(originalUri,"([.])");  fileExtName = string.sub(originalUri,oUIndex+1);  fileSuffix = string.sub(originalUri,0,oUIndex-1);  area = string.sub(ngx.var.uri, index);  index = string.find(area, "([.])");  if index ~= nil then  area = string.sub(area, 0, index-1);  end;  end;  if originalUri ~= nil then  local command = "/usr/local/gm/bin/gm convert " .. ngx.var.image\_root..originalUri .. " -thumbnail " .. area .. " -background gray -gravity center -extent " .. area .." ".. ngx.var.image\_root..originalUri .."\_" .. area .. "."..fileExtName;  os.execute("echo command "..command .." >>/var/local/webroot/img/command-his.txt");  os.execute(command);  ngx.var.forward\_url = fileSuffix.."\_thumb."..fileExtName;  else  ngx.var.forward\_url = ngx.var.uri;  end;  ';  } |

|  |
| --- |
| server {  listen 80;    server\_name 192.168.1.199;    charset utf-8;  access\_log /tpdata/nginx-data/logs/apidev.access.log main;  location /image/ {  set $image\_root /usr/local/nginx5/html/test;  set $file $image\_root$uri;  set $forward\_url "";  if (!-e $file) {  rewrite\_by\_lua '  local originalUri = nil;  local area = nil;  local index = string.find(ngx.var.uri, "([0-9]+)x([0-9]+)");  local oUIndex = nil;  local fileExtName = nil;  local fileSuffix = nil;  if index ~= nil then  originalUri = string.sub(ngx.var.uri, 0, index-2);  oUIndex = string.find(originalUri,"([.])");  fileExtName = string.sub(originalUri,oUIndex+1);  fileSuffix = string.sub(originalUri,0,oUIndex-1);  area = string.sub(ngx.var.uri, index);  index = string.find(area, "([.])");  if index ~= nil then  area = string.sub(area, 0, index-1);  end;  end;  if originalUri ~= nil then  local command = "/usr/local/gm/bin/gm convert " .. ngx.var.image\_root..originalUri .. " -thumbnail " .. area .. " -background gray -gravity center -extent " .. area .." ".. ngx.var.image\_root..originalUri .."\_" .. area .. "."..fileExtName;  os.execute("echo command "..command .." >>/usr/local/nginx5/html/123.txt");  os.execute(command);  ngx.var.forward\_url = fileSuffix.."\_thumb."..fileExtName;  else  ngx.var.forward\_url = ngx.var.uri;  end;  ';  }  }  } |

测试: http://img.mattdamon.com/1.jpg\_200x200.jpg