FCGI bash

<table>
<tr><td></td><td>

```
apt-get install nginx fcgiwrap
apt-get install nginx-full fcgiwrap
```

</td></tr>
<tr><td>nano file</td><td>File: /etc/nginx/sites-enabled/osv</td></tr>
<tr><td>config osv</td><td>

```
root@nanopiair:/# cat /etc/nginx/sites-enabled/osv

server
{
  listen 192.168.137.55:80;
  root /var/www/osv/html;

  location = /
  {
    index m300s.html;
    try_files $uri $uri/ =404;
  }
#FastCGI on C++
  location /main
  {
    fastcgi_pass 127.0.0.1:8000;
  }
  location /blue
  {
    fastcgi_pass 127.0.0.1:8001;
  }
  location /green
  {
    fastcgi_pass 127.0.0.1:8002;
  }
  location /red
  {
    fastcgi_pass 127.0.0.1:8003;
  }
  location /white
  {
    fastcgi_pass 127.0.0.1:8004;
  }
  location /yellow
  {
    fastcgi_pass 127.0.0.1:8005;
  }
#FastCGI bash
  # Для данного location будем использовать только FastCGI

  location ~ \.sh$
  {
    root /var/www/osv/html/cgi;
    gzip           off;
    fastcgi_pass   unix:/var/run/fcgiwrap.socket;

    # Эту часть можно вынести в отдельный файл и делать include fastcgi_params;

    include /etc/nginx/fastcgi_params;
```

</td></tr>
</table>

	fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;
	
	# According to RFC3875 (https://tools.ietf.org/html/rfc3875#section-4.1.14) in SERVER_NAME
	# we should put actual hostname user came to. For nginx it is in $host
	# This will allow to run multihost instances
	
	fastcgi_param SERVER_NAME $host;
	}
	#end FastCGI
	location /fastrun
	{
	index fastrun.html;
	try_files $uri $uri/fastrun/ =404;
	}
	location /programs
	{
	index programs.html;
	try_files $uri $uri/programs/ =404;
	}
	location /recipe
	{
	index recipe.html;
	try_files $uri $uri/recipe/ =404;
	}
	}

	http://192.168.137.55/cpuinfo.sh nginx -t systemctl restart nginx.service
cpuinfo.sh	root@nanopiair:/var/www/osv/html/cgi# cat cpuinfo.sh #!/bin/bash NAME=`"cpuinfo"` echo "Content-type:text/html" echo echo "<html><head>" echo "<title>$NAME</title>" echo '<meta name="description" content="'$NAME'">' echo '<meta name="keywords" content="'$NAME'">' echo '<meta http-equiv="Content-type" content="text/html;charset=UTF-8">' echo '<meta name="ROBOTS" content="noindex">' echo "</head><body><pre>" date echo -e "\nuname -a" uname -a echo -e "\ncpuinfo" cat /proc/cpuinfo echo "</pre></body></html>"
data.sh	root@nanopiair:/var/www/osv/html/cgi# cat data.sh #!/bin/bash DATA=`date` echo "content-type: text/plain" echo echo "The date is: $DATA"
chmod	root@nanopiair:/var/www/osv/html/cgi# chmod +x data.sh root@nanopiair:/var/www/osv/html/cgi# ll total 128 -rwxr-xr-x 1 root root 14292 Apr 11 04:17 blue -rw-r--r-- 1 root root 1170 Apr 5 05:42 blue.cpp -rwxr-xr-x 1 www-data www-data 458 Apr 11 05:18 cpuinfo.sh

	-rwxr-xr-x 1 root root 88 Apr 11 06:31 data.sh -rwxr-xr-x 1 root root 14296 Apr 11 04:17 green -rw-r--r-- 1 root root 1170 Apr 5 05:43 green.cpp -rwxr-xr-x 1 root root 13928 Apr 11 04:36 main -rw-r--r-- 1 root root 2500 Apr 11 04:36 main.cpp -rwxr-xr-x 1 root root 14292 Apr 11 04:18 red -rw-r--r-- 1 root root 1170 Apr 5 05:43 red.cpp -rwxr-xr-x 1 root root 14296 Apr 11 04:18 white -rw-r--r-- 1 root root 1170 Apr 5 05:44 white.cpp -rwxr-xr-x 1 root root 14296 Apr 11 04:19 yellow -rw-r--r-- 1 root root 1170 Apr 5 05:44 yellow.cpp

buttonsRGBY.sh	