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How do I find the url for my cgi-bin?

Posted by [Vivek Gite](#) <vivek@nixcraft.com>

The CGI is acronym for Common Gateway Interface. It is a standard for interfacing external applications with Apache Web servers. A CGI program is executed in real-time, so that it can output dynamic information. It can be written in Perl, Php, Bash, C/C++ or other programming languages. But how do I find the url for my cgi-bin? It's not in my /var/www/ directory.

Apache web server use ScriptAlias directive defines cgi-bin directory that contain server scripts. You can use open Apache web server configuration file using text editor such as vi and look for ScriptAlias directive:

httpd.conf file location:
Debian Linux:

```
$ vi /etc/apache-perl/httpd.conf
```

Red Hat/ Fedora Core Linux:

```
$ vi /etc/httpd/conf/httpd.conf
```

FreeBSD:

```
$ vi /usr/local/etc/httpd.conf
```

You can also use grep command as follows to find out your cgi-bin directory:

```
$ grep 'ScriptAlias' /etc/httpd/conf/httpd.conf
```

```
ScriptAlias /cgi-bin/ /usr/lib/cgi-bin/
```

/usr/lib/cgi-bin/ is cgi-bin directory. If you have public_html directory then cgi-bin directory should be inside this directory. Once you located cgi-bin directory you can use it.

Default cgi-bin directory locations:

- Red Hat Linux: /var/www/cgi-bin/
- Fedora Linux: /var/www/cgi-bin/
- Debian Linux: /usr/lib/cgi-bin/
- FreeBSD: /usr/local/www/cgi-bin/

Finally your url location depends upon directory location. You can use <http://ip-address/cgi-bin> or <http://ip-address/~yourname/cgi-bin> (replace ip-address with your domain name)

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