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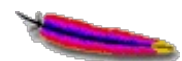
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Apache Web Server Cache Frequently Used Files To Improve Performance

Posted by [Vivek Gite](#) <vivek@nixcraft.com>[« « Previous in series](#) ^[2][Next in series » »](#) ^[1]

Q. I'd like to cache few static pages or files that are viewed frequently such as index.html or order.html and so on. How do I cache files under Apache with using proxy solution?



A. You need to use mod_file_cache which can cache frequently requested files that change very infrequently is a technique for reducing server load. mod_file_cache provides two techniques for caching **frequently requested static files**. These techniques reduce server load when processing requests for these files by doing part of the work (specifically, the file I/O) for serving the file when the server is started rather than during each request.



WARNING! You cannot use this module for speeding up CGI / php / perl / python dynamic programs. It can only be used for regular files which are usually served by the Apache core content handler.

How do I configure mod_file_cache?

Open your httpd.conf file, enter:

```
# vi httpd.conf
```

To cache index.html and faqs.html, enter:

```
MMapFile /var/www/domain.com/index.html  
MMapFile /var/www/domain.com/faqs.html
```

How do I cache all static files in a directory called /kb/?

Try the following code to get listing of all files:

```
# find /var/www/domain.com/kb/ -type f -print | sed -e 's/./mmapfile &/' >  
/etc/httpd/conf.d/mmap.conf
```

Now open httpd.conf file, using the Include directive:

```
Include /etc/httpd/conf.d/mmap.conf
```

Save and close the file. Restart httpd:

```
# service httpd restart
```

References:

- [mod_file_cache](#) ^[4] documentation.

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[3] Image: <http://www.cyberciti.biz/faq/faq/category/apache/>

[4] mod_file_cache: http://httpd.apache.org/docs/2.0/mod/mod_file_cache.html

[5] Display Apache Server Status with mod_status: <http://www.cyberciti.biz/faq/apache-server-status/>

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