

# Apache Output Filter

This article needs to be cleaned up.

The goal was to change all rendered html downstream from [www.breakitdown.ca](http://www.breakitdown.ca) to [www.supernaturalz.com](http://www.supernaturalz.com).

## Server Base URL Problem

This at least works in loading up the website, same issue with large images and most likely a host of [other problems](#).

## ProxyHTMLURLMap

Ok so **ProxyHTMLURLMap** does not work easily. The documentation searching in google is sub par and the examples do not seem to work.

I never got ProxyHTMLURLMap working. I have a feeling it's because I never used the Location directive. Anyway will try again at a later date.

Further to that it uses a SAX parser which implies that it expects good xml. I imagine the overhead to be quite high.

## substitute

Looking around I found the substitute directive.

sudo a2enmod [substitute](#)

```
<Location /wiki/>
AddOutputFilterByType SUBSTITUTE text/html
Substitute s/www.breakitdown.ca/www.supernaturalz.com/ni
</Location>
```

And that did it!

Have not measured the performance hit yet.

## substitute with mod\_filter

Just noticed that AddOutputFilterByType is deprecated and it is recommended to use mod\_filter. So enable it using a2enmod filter.

Note this is Apache 2.2 syntax. Apache 2.3 has a new style of syntax.

```
<Location /wiki/>
    FilterDeclare filter_string_replace
    FilterProvider filter_string_replace SUBSTITUTE resp=Content-Type
    $text/
    Substitute "s/www.breakitdown.ca/www.myrapham.com/ni"
    Substitute "s/Break It Down/www.myrapham.com/n"
    FilterChain filter_string_replace
</Location>
```

This works!

The `resp=Content-Type` part does not quite sit well with me as the start does not indicate a regular expression match and then it uses the `$` symbol. However, the above exact syntax is used on the Apache documents as an example so I will leave this for now. 2.3 changes the syntax anyway.

## References

<http://brian.moonspot.net/mod-substitute-mod-proxy-problem> - working example of multiple filters and the syntax is slightly different