



# Apache Vhost Configuration

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# Quick Intro: Apache 1.3 Configuration

All the fun stuff happens in `/etc/apache/`

Things you should care about:

- `httpd.conf` <-- this is where the main magic happens
- `modules.conf` <-- list of modules for Apache to load
- `conf.d` <-- place to put custom magic

Things you shouldn't need to care about:

- `mime.types` <-- system-wide mime associations

Legacy files:

- `access.conf` <-- AccessConfig directive
- `srm.conf` <-- ResourceConfig directive

# Quick Intro: Apache 2.0 Configuration

All the fun stuff happens in `/etc/apache2/`

Things you should care about:

- **apache2.conf** <-- this is where the main magic happens
- **modules.conf** <-- list of modules for Apache to load
- **conf.d** <-- place to put custom magic
- **mods-[available | enabled]** <-- modules to load
- **sites-[available | enabled]** <-- sites to host

Things you shouldn't need to care about:

- **ports.conf** <-- tell Apache2 what ports to listen on
- **envvars** <-- set custom environment variables

Legacy files:

- **httpd.conf** <-- “include”s the actual config
- **srm.conf** <-- ResourceConfig directive

# Dynamic Virtual Hosts

mod\_vhost\_alias totally rocks.

Add this to your configuration:

```
VirtualDocumentRoot /var/www/%0
```

Apache will replace the %0 token with the requested hostname taken from the HTTP header. Tokens available include:

%0 <-- the requested hostname

%1 <-- the first part of the hostname

%-1 <-- the last part of the hostname

%2+ <-- the second and subsequent parts of the hostname

%p <-- port number

# Dynamic Vhost Logging

Dynamic vhosts can't have separate logfiles.

Add a “virtual host” field to your logfile like this:

```
LogFormat "%V %h %l %u %t \"%r\" %>s %b \"%{Referer}i\" \"%{User-Agent}i\"" vcombined  
CustomLog /var/log/apache2/access.log vcombined
```

Then you can use the `split-logfile` script to, well, split the logfile.

# More Information



These slides are online at:

[jon.oxer.com.au/talks](http://jon.oxer.com.au/talks)

Dynamic vhost config directives:

[httpd.apache.org/docs/2.0/mod/mod\\_vhost\\_alias.html](http://d.apache.org/docs/2.0/mod/mod_vhost_alias.html)