Apache Install

Quick and Dirty

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About Apache

- Apache http server project

- http://httpd.apache.org

- Apache foundation started to support the webserver project, but now extends to a multitude of other projects.

Install from ports

- `cd /usr/ports/www/apache22/`
- `make install`

Webserver Layout

- config files are in
  `/usr/local/etc/apache22/`

- files the webserver will serve are in
  `/usr/local/www/apache22/data/`

- Startup script is of course in
  `/usr/local/etc/rc.d/apache22`

Getting Apache to start automatically

- Take a look in `/usr/local/etc/rc.d/apache22`

- Add `apache22_enable="YES"` to `/etc/rc.conf`

- Run `/usr/local/etc/rc.d/apache22 start`

Generating Certificates for you Webserver

- `cd /usr/local/etc/apache22`

- Generate rsa key `openssl genrsa -des3 -out server.key.generate 1024`

- Strip the password off the key `openssl rsa -in server.key.generate -out server.key`

- Generate a certificate signing request `openssl req -new -key server.key -out server.csr`

Generating certificates for your webserver – Part 2

- Sign your csr using your key `openssl x509 -req -days 365 -in server.csr -signkey server.key -out server.crt`

Adding your new certs

- The file you need to change to use your new certs is `/usr/local/etc/apache22/extra/httpd-ssl.conf`

- Make sure this file is pointing at your: `server.key` file and your `server.crt` file

Enabling http-ssl.conf in your httpd.conf

- Search httpd.conf for `httpd-ssl.conf`, uncomment the line that contains it.

Start Apache!

- Profit!