


http

- 找服务器
- browser engine
- browser version
- g-zip compress / not compress 的例子 (image)
- 301/302
 - 含义
 - 会写http request line
- 304
- 与cache有关的header
 - Etag / if-no-match, expire
- http2 (header?) /spdy (X-Firefox-spdy)
- content length / content-type
 - charset
- 找cdn deliver
- accept-encoding / content-encoding
- expire
- ico
- tcp / 3-way handshake
 - no response reason: firewall
- stateless protocol含义
- http response code type
-

web server

- apache log file usage 
- ways to analyze web server traffic patterns (15Fall)
- access log file (和http结合)
 - client name
 - request method
 - name of the programs that been invoked(15Spring)
- error log file (看懂, 15 Sp)
- operation system
- 2 web server (Nginx, apache)
- static IP address

- register domain name
- 服务端配置文件(Server root, document root, location of CGI script)
- 安全 (configure SSL https)
- virtual hosting
- authentication in apache
 - .htaccess/.htpasswd
 - access.conf
- httpd.conf(会读 16sp)
 - scriptalias
 - startserver
- apache安装 / php安装

JS / regular expression

- 断言 (?:=\\d)
- \\w含义
- 其他元字符
- 类型隐式转换
 - + *
 - NaN
- 解释正则表达式
- javascript array
 - method / properties
 - array格式
- 写密码正则表达式
- 美国电话号码 正则 理解
-

HTML

- html5 input attribute
 - required
 - pattern

XML / DOM

- xml解析 js实现
- 找元素的四种method
 - 会用 / 写程序
- 类似homework4 (15Fall, 16Fall 背熟)
- xml优点

- xml tag 命名标准
- add validity methods
 - XML schema
 - DTD (会写)
- open(), send(), responseXML
- dom的查找、删除属性, 增加、删除节点 (16 Spring 背熟)
- document.write()

CSS

- 选择器理解 / 写
- 文字描述 css (16Fall 背表达)
- css Framework (15Fall)

php

- 写正则表达式
- echo
- isset()
- variable name
- php_self含义 (15Fall)
- + * 转换问题 valid问题
- 3 ways to get data from users
- super global variable
 - associative array
 - \$_GET \$_COOKIE
- urlencode / rawurlencode (lynda 视频) 
 - 区别
 - 用途
- print php environmennt variables (看ppt 会写代码)
- 字符串拼接
- 常量解析注意点
- 读取form信息