

1.web application architecture

browser(html/css/javascript) | server(script)

2.http communication

①http url

②http request packet

method request-uri http-version | request-header:value | request-data

③http response packet

http-version status-code reason-phrase | response-header:value | response-data

method:get post put delete

3.source code/program structure

4.web language

presentation layer:html css

business layer:javascript flex/actionscript **php** java-web **python** ruby

data layer:sql

5.language framework

①data type:null numeric boolean **string**

②operators-expression

③flow control:select statement loop statement

④preprocessor/exception

⑤constant variable array reference

⑥function

⑦class-object

6.language API

gui/event(message)/handler graphic file database threading/forking/asynchronous I/O

network

7.page presentation layer

container/element/node(tag&name&id&class&attribute&style&event)