***1.php API***

cookie/session graphic file database network

**2.key point**

①string output

single quote-string output double quote-analytic output dot-string connect comma-delimiter

②redirection

Header("Location:url");

③refresh

Header("Refresh:time;url=url");

<meta http-equiv="refresh" content="time;url=url"></meta>

④webpage

allow\_url\_fopen=On echo readfile("url");

⑤stream output

$file\_name="xxx";

$file\_dir="xxx";

$file=fopen($file\_dir.$file\_name,"r/rb");

Header("Content-type:application/octet-stream");

Header("Content-Disposition:attachment/inline;filename=".$file\_name);

Header("Accept-Ranges:bytes" );

Header("Accept-Length:".filesize($file\_dir.$file\_name));

echo fread($file,filesize($file\_dir.$file\_name));

⑥file upload

php.ini - file\_uploads upload\_tmp\_dir upload\_max\_filesize post\_max\_size max\_execution\_time max\_input\_time memory\_limit

$\_FILES[][] | move\_uploaded\_file()

⑦cookie&session

cookie:setcookie() | $\_COOKIE[]

session:session\_start() | session\_name() session\_id() | $\_SESSION[] | session\_destroy()

⑧get&post

***3.javascript API***

BOM DOM ajax(remoting) | jQuery

***4.python API***

gui/event/handler graphic file database *threading/forking/asynchronous I/O* network

***5.ruby API***

file database *threading/forking/asynchronous I/O* network

***6.actionscript API***

flex