

## ***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