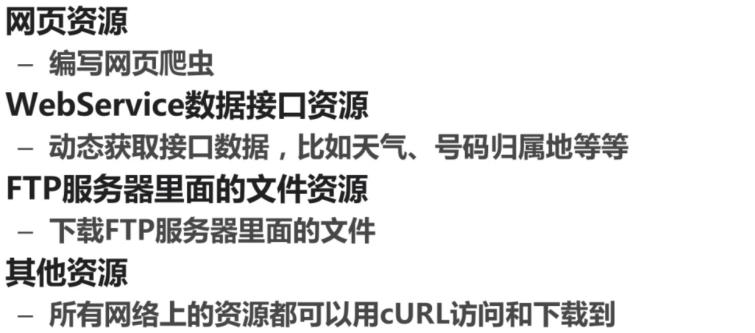
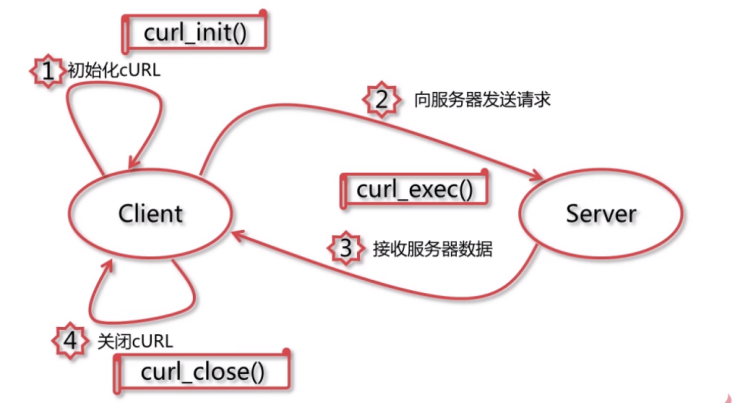
# 场景



# 过程



<?php  
$curl=*curl\_init*("http://www.baidu.com");  
*curl\_exec*($curl);  
*curl\_close*($curl);

# 请求天气

<?php  
/\*\*  
 \* 通过调用WebService查询北京的当前天气  
 \*/  
$data = 'theCityName=beijing';  
//初始化  
$curl = *curl\_init*();  
//请求url  
*curl\_setopt*($curl, *CURLOPT\_URL*, "http://www.webxml.com.cn/WebServices/WeatherWebService.asmx/getWeatherbyCityName");  
//设定不输出页面内容  
*curl\_setopt*($curl, *CURLOPT\_HEADER*, 0);  
//要转存--1为手动输出0自动输出  
*curl\_setopt*($curl, *CURLOPT\_RETURNTRANSFER*, 1);  
//设置post方式  
*curl\_setopt*($curl, *CURLOPT\_POST*, 1);  
//设置post数据  
*curl\_setopt*($curl, *CURLOPT\_POSTFIELDS*, $data);  
//设置一个header中传输内容的数组。  
*curl\_setopt*($curl, *CURLOPT\_HTTPHEADER*,  
 array(  
 "application/x-www-form-urlencoded;charset=utf-8",  
 "Content-length: ".*strlen*($data)  
));  
//设置user-agent 在HTTP请求中包含一个"user-agent"头的字符串  
*curl\_setopt*($curl, *CURLOPT\_USERAGENT*, $\_SERVER['HTTP\_USER\_AGENT']);  
$rtn = *curl\_exec*($curl);  
  
//判错  
if(!*curl\_error*($curl)){  
 echo $rtn;  
}else{  
 echo *curl\_error*();  
}  
  
*curl\_close*($curl);

# Login

<?php  
  
$data='email=15600271767&password=h689qai2010';  
$ch = *curl\_init*(); // 初始化  
  
*curl\_setopt*($ch, *CURLOPT\_URL*, "http://www.imooc.com/user/newlogin"); // 设置访问网页的URL  
*curl\_setopt*($ch, *CURLOPT\_RETURNTRANSFER*, true); //1手动0自动  
// Cookie相关设置，这部分设置需要在所有会话开始之前设置  
*date\_default\_timezone\_set*('PRC'); // 使用Cookie时，必须先设置时区  
*curl\_setopt*($ch, *CURLOPT\_SSL\_VERIFYPEER*, FALSE); //不使用认证  
*curl\_setopt*($ch, *CURLOPT\_SSL\_VERIFYHOST*, FALSE); //不使用认证  
*curl\_setopt*($ch, *CURLOPT\_COOKIESESSION*, TRUE);//使用cookie  
*curl\_setopt*($ch, *CURLOPT\_HEADER*, 0);//不输出  
  
*curl\_setopt*($ch, *CURLOPT\_FOLLOWLOCATION*, 0); // 这样能够让cURL支持页面链接跳转  
  
*curl\_setopt*($ch, *CURLOPT\_COOKIEFILE*, 'cookiefile');  
*curl\_setopt*($ch, *CURLOPT\_COOKIEJAR*, 'cookiefile');  
*curl\_setopt*($ch, *CURLOPT\_COOKIE*, *session\_name*() . '=' . *session\_id*());  
//post方式  
*curl\_setopt*($ch, *CURLOPT\_POST*, 1);  
*curl\_setopt*($ch, *CURLOPT\_POSTFIELDS*, $data);  
*curl\_setopt*($ch, *CURLOPT\_HTTPHEADER*,  
 array(  
 "application/x-www-form-urlencoded; charset=utf-8",  
 "Content-length: ".*strlen*($data)  
));  
  
//设置跳转url  
*curl\_setopt*($ch, *CURLOPT\_URL*, "http://www.imooc.com/user/oplog");  
//get方式  
*curl\_setopt*($ch, *CURLOPT\_POST*, 0);  
//头部设置  
*curl\_setopt*($ch, *CURLOPT\_HTTPHEADER*, array("Content-type: text/xml"  
));  
  
$output=*curl\_exec*($ch); // 执行  
*curl\_close*($ch); // 关闭cURL  
echo $output;

# 下载文件

<?php  
/\*\*  
 \* 从FTP服务器下载一个文件到本地  
 \*/  
$curlobj = *curl\_init*();  
*curl\_setopt*($curlobj, *CURLOPT\_URL*, "ftp://192.168.1.100/downloaddemo.txt");  
*curl\_setopt*($curlobj, *CURLOPT\_HEADER*, 0);  
*curl\_setopt*($curlobj, *CURLOPT\_RETURNTRANSFER*, 1);  
*curl\_setopt*($curlobj, *CURLOPT\_TIMEOUT*, 300); // times out after 300s  
*curl\_setopt*($curlobj, *CURLOPT\_USERPWD*, "peter.zhou:123456");//FTP用户名：密码  
// 设置文件  
$outfile = *fopen*('dest.txt', 'wb');//保存到本地的文件名  
*curl\_setopt*($curlobj, *CURLOPT\_FILE*, $outfile);  
  
$rtn = *curl\_exec*($curlobj);  
*fclose*($outfile);  
if(!*curl\_errno*($curlobj)){  
 // $info = curl\_getinfo($curlobj);  
 // print\_r($info);  
 echo "RETURN: " . $rtn;  
} else {  
 echo 'Curl error: ' . *curl\_error*($curlobj);  
}  
*curl\_close*($curlobj);  
?>

# 上传文件

<?php  
/\*\*  
 \* 实例描述：把本地文件上传到FTP服务器上  
 \*/  
$curlobj = *curl\_init*();  
$localfile = 'ftp01.php';  
$fp = *fopen*($localfile, 'r');  
  
*curl\_setopt*($curlobj, *CURLOPT\_URL*, "ftp://192.168.1.100/ftp01\_uploaded.php");  
*curl\_setopt*($curlobj, *CURLOPT\_HEADER*, 0);  
*curl\_setopt*($curlobj, *CURLOPT\_RETURNTRANSFER*, 1);  
*curl\_setopt*($curlobj, *CURLOPT\_TIMEOUT*, 300); // times out after 300s  
*curl\_setopt*($curlobj, *CURLOPT\_USERPWD*, "peter.zhou:123456");//FTP用户名：密码  
  
*curl\_setopt*($curlobj, *CURLOPT\_UPLOAD*, 1);  
*curl\_setopt*($curlobj, *CURLOPT\_INFILE*, $fp);  
*curl\_setopt*($curlobj, *CURLOPT\_INFILESIZE*, *filesize*($localfile));  
$rtn = *curl\_exec*($curlobj);  
*fclose*($fp);  
if(!*curl\_errno*($curlobj)){  
 echo "Uploaded successfully.";  
} else {  
 echo 'Curl error: ' . *curl\_error*($curlobj);  
}  
*curl\_close*($curlobj);  
?>

# 下载https资源

<?php  
/\*\*  
 \* 下载网络上面的一个HTTPS的资源  
 \*/  
  
//初始化  
$curlobj = *curl\_init*();  
//地址  
*curl\_setopt*($curlobj, *CURLOPT\_URL*, "https://ajax.aspnetcdn.com/ajax/jquery.validate/1.12.0/jquery.validate.js"); // 设置访问网页的URL  
// 执行之后不直接打印出来  
*curl\_setopt*($curlobj, *CURLOPT\_RETURNTRANSFER*, true);  
  
// 设置HTTPS支持  
*date\_default\_timezone\_set*('PRC'); // 使用Cookie时，必须先设置时区  
// 终止服务器验证  
*curl\_setopt*($curlobj, *CURLOPT\_SSL\_VERIFYPEER*, 0);  
*curl\_setopt*($curlobj, *CURLOPT\_SSL\_VERIFYHOST*, 2);  
  
$output=*curl\_exec*($curlobj); // 执行  
*curl\_close*($curlobj); // 关闭cURL  
echo $output;

# curl类

<?php  
namespace app\common\components;  
  
use Yii;  
use app\common\services\BaseService;  
  
class HttpClient extends BaseService{  
  
 private static *$headers* = [];  
  
 private static *$cookie* = null;  
  
 //get请求 地址+参数  
 public static function get(*$url*, *$param* =[]) {  
  
 return self::curl(*$url*, *$param*,"get");  
 }  
 //post请求 地址+参数  
 public static function post(*$url*, *$param*,*$extra* = [] ) {  
  
 return self::curl(*$url*, *$param*,"post");  
 }  
  
 protected static function curl(*$url*, *$param*, *$method* = 'post')  
 {  
 $calculate\_time1 = *microtime*(true);  
 // 初始化  
 $curl = *curl\_init*();  
 *curl\_setopt*($curl, *CURLOPT\_URL*, *$url*);  
 *curl\_setopt*($curl, *CURLOPT\_HEADER*, 0);  
 *curl\_setopt*($curl, *CURLOPT\_RETURNTRANSFER*, 1);  
 *curl\_setopt*($curl, *CURLOPT\_CERTINFO* , true);  
 *curl\_setopt*($curl, *CURLOPT\_SSL\_VERIFYPEER*, false);  
  
 *curl\_setopt*($curl, *CURLOPT\_FOLLOWLOCATION*, 1);//函数中加入下面这条语句  
  
 if( isset( Yii::*$app*->params['curl'] ) && isset(Yii::*$app*->params['curl']['timeout']) ){  
 *curl\_setopt*($curl, *CURLOPT\_TIMEOUT*, Yii::*$app*->params['curl']['timeout']);  
 }else{  
 *curl\_setopt*($curl, *CURLOPT\_TIMEOUT*, 5);  
 }  
  
 if(*array\_key\_exists*("HTTP\_USER\_AGENT",$\_SERVER)){  
 *curl\_setopt*($curl, *CURLOPT\_USERAGENT*, $\_SERVER['HTTP\_USER\_AGENT']);  
 }  
  
 if(!empty(self::*$headers*)){  
 $headerArr = [];  
 foreach( self::*$headers* as $n => $v ) {  
 $headerArr[] = $n .': ' . $v;  
 }  
 *curl\_setopt* ($curl, *CURLOPT\_HTTPHEADER* , $headerArr ); //构造IP  
 }  
  
 if( self::*$cookie* ){  
 *curl\_setopt*($curl, *CURLOPT\_COOKIE*, self::*$cookie*);  
 }  
  
  
 // post处理  
 if (*$method* == 'post')  
 {  
 *curl\_setopt*($curl, *CURLOPT\_POST*, TRUE);  
 if(*is\_array*(*$param*)){  
 *$param* = *http\_build\_query*(*$param*);  
 }  
  
 *curl\_setopt*($curl, *CURLOPT\_POSTFIELDS*, *$param*);  
 }else{  
 *curl\_setopt*($curl, *CURLOPT\_POST*, FALSE);  
 }  
  
 // 执行输出  
 $info = *curl\_exec*($curl);  
  
 //log  
 $\_errno = *curl\_errno*($curl);  
 $\_error = '';  
 if($\_errno)  
 {  
 $\_error = *curl\_error*($curl);  
 }  
 *curl\_close*($curl);  
 $calculate\_time\_span = *microtime*(true) - $calculate\_time1;  
 $log = \Yii::*$app*->getRuntimePath().*DIRECTORY\_SEPARATOR*.'curl.log';  
 *file\_put\_contents*($log,*date*('Y-m-d H:i:s')." [ time:{$calculate\_time\_span} ] url: {*$url*} \nmethod: {*$method*} \ndata: ".*json\_encode*(*$param*)." \nresult: {$info} \nerrorno: {$\_errno} error: {$\_error} \n",*FILE\_APPEND*);  
  
 if( $\_error ){  
 return self::\_err( $\_error );  
 }  
 return $info;  
 }  
  
 public static function setHeader(*$header*){  
 self::*$headers* = *$header*;  
 }  
  
 public static function setCookie( *$cookie* ){  
 self::*$cookie* = *$cookie*;  
 }  
  
 protected static function getProxy() {  
 $proxy = array(  
 '0' => '60.16.210.118:80',  
 '1' => '183.62.60.100:80',  
 '2' => '58.215.185.46:82',  
 '3' => '223.4.21.184:80',  
 '4' => '61.53.143.179:80',  
 '5' => '42.121.105.155:8888'  
 );  
  
 $rand = *rand*(0,50);  
 return $proxy[$rand];  
 }  
}