Class OneUrlObj

{

String name\_;

Int state\_;// 0: not handled; 1: handle\_successed; 2: handle\_failed; 3: other

String domainName\_;

String localPathName\_; // domain name will be replace with this. There is a string list storing all used local path,

};

Class AllUrlsInOnePage

{

List<OneUrlObj> urls\_;

Int theNextIndex\_; // you should parse this url: urls\_[ theNextIndex\_].

Int successCount\_;

Int failCount\_;

};

Class AllUrls

{

List<AllUrlsInOnePage> allUrls\_;

Int depth\_;

}; // count of this list can be defined, default is 1.

1. Request

Request all urls start at all\_urls[0][0], terminate at all\_urls[user\_defined\_level][n].

Use multi thread.

2. Response

Get a response, then

3. Parse response

4. Get new url, image, css...

5. Create directory

6. Download image, css

7. Request