

Web Proxy

Solving Same Origin Policy Problem (or cross-site script)

"Same Origin Policy" is a security restriction for client (browser)-side scripting. (Read: http://en.wikipedia.org/wiki/Same_origin_policy). This policy make JS development tricky in developer's local machine. Here is how to solve the problem. Helpful links are:

- <http://trac.openlayers.org/wiki/FrequentlyAskedQuestions#ProxyHost>
- <http://n2.nabble.com/GeoServer-Proxy-Extension-OpenLayers-td3998936.html>

How to

1. install apache httpd to your local
2. install "proxy.cgi" to your local (download at <http://trac.openlayers.org/browser/trunk/openlayers/examples/proxy.cgi>)
 - a. CGI script is in python. You may need to install python and change the header of the CGI script
3. Test "proxy.cgi" by accessing <http://localhost/proxy.cgi>
 - a. If proxy.cgi shows openlayers home page, it's working.
4. Edit proxy.cgi to add the our geoserver host
 - a. Add your geoserver host name to **allowedHosts** list
5. Add the line as below to your JS
 - a. **OpenLayers.ProxyHost = "/cgi-bin/proxy.cgi?url=";**