Sending HTTP POST Request In Java

http://stackoverflow.com/questions/3324717/sending-http-post-request-in-java

QUESTION:

lets assume this URL...

http://www.example.com/page.php?id=10

(Here id needs to be sent in a POST request)

I want to send the id = 10 to the server's page.php, which accepts it in a POST method.

How can i do this from within Java?

ANSWER:

Since some of the classes, in the original answer, are deprecated in the newer version of Apache HTTP Components, I'm posting this update.

By the way, you can access the full documentation for more examples here.

http://hc.apache.org/httpcomponents-client-ga/tutorial/html/fundamentals.html#d5e37

public class HttpPostSnippet {

public static void main(String[] args) throws IOException {

HttpClient httpclient = HttpClients.createDefault();

HttpPost httppost = new HttpPost("http://httpbin.org/post");

// Request parameters and other properties.

List<NameValuePair> params = new ArrayList<NameValuePair>(2);

params.add(new BasicNameValuePair("param-1", "12345"));

params.add(new BasicNameValuePair("param-2", "Hello!"));

httppost.setEntity(new UrlEncodedFormEntity(params, "UTF-8"));

//Execute and get the response.

HttpResponse response = httpclient.execute(httppost);

HttpEntity entity = response.getEntity();

if (entity != null) {

InputStream instream = entity.getContent();

try {

// do something useful

// Entity Content Body - Version #2

InputStream in = entity.getContent();

BufferedReader reader = new BufferedReader(new InputStreamReader(in));

boolean status = reader.ready();

//System.out.println("reader.ready(): " + status);

String line = reader.readLine();

while (line != null) {

System.out.println("Entity Content: " + line);

line = reader.readLine();

}

} finally {

instream.close();

}

}

}

}