

Usage: How can I generate HMAC Muse Proxy proxified links in PHP?

The instructions and code provided below are based on the following assumptions:

- MuseProxyFoundationHMAC is the Muse Proxy application configured with HMAC authentication;
- quiet is the value of the secret;
- userName and timestamp are the signature parameters;
- SHA256 is the algorithm;
- the separator between the signature parameters is . .

Add the following code into your PHP page:

```
<?php
    require_once './MuseProxyHMAC.php';
    $museProxyURL = "http://MUSE_PROXY_HOST:PORT";
    $applicationID = "MuseProxyFoundationHMAC";
    $secret = "quiet";
    $algorithm = "sha256";
    $separator = ".";
    // $timestamp is the current unix timestamp
    $timestamp = time();
    // $userAgent represent the userAgent from the request
    //$userAgent = filter_input(INPUT_SERVER, "HTTP_USER_AGENT");
    // $referer represent the referer from the request
    //$referer = filter_input(INPUT_SERVER, "REQUEST_SCHEME") . "://" .
filter_input(INPUT_SERVER, "HTTP_HOST") . filter_input(INPUT_SERVER, "REQUEST_URI");
    // $userAddress represents the remote adress
    //$userAddress = gethostbyname(gethostbyaddr(filter_input(INPUT_SERVER,
"REMOTE_ADDR")));
    //The order from this array must be the same with order and parameters name from the hmac
configuration file ${APPLICATION_HOME}/profiles/login/ProxyLoginModuleHMAC.xml.
    //$used_params = array("userName" => "MuseProxyFoundation", "ts" => $timestamp,
"userAgent" => $userAgent, "referer" => $referer, "userAddress" => $userAddress);
    $used_params = array("userName" => $applicationID, "ts" => $timestamp);

    $museProxy = new MuseProxyHMAC($museProxyURL, $applicationID, $secret, $algorithm,
$separator, $used_params);

    echo $museProxy->generatedHmacDigest . "<br/>";
    echo "<a href='" . $museProxy->generatedURL . "' target='_blank'>TEST<a/>";
?>
```

where replace MUSE_PROXY_HOST:PORT with your actual Muse Proxy host and port.

The additional MuseProxyHMAC.php file can be downloaded from [here](#).

The code will generate the HMAC link on the TEST label.

The commented lines are for the cases when you want to use in the signature the userAgent/referer/userAddress values.

Note that they must be specified in the Muse Proxy as well (in the

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\$MUSE_HOME /proxy /webcontexts /Applications /MuseProxyFoundationHMAC /profiles /login /ProxyLoginModuleHMAC.xml file).

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