

## Movian - Bug #2771

### 503 response in showtime.httpReq(url) causes error

08/07/2015 11:33 AM - Michal Pisarski

<b>Status:</b>	Fixed	<b>Start date:</b>	08/07/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Andreas Smas	<b>% Done:</b>	100%
<b>Category:</b>	API	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Platform:</b>	Linux
<b>Found in version:</b>	4.9.524.g52f7d		
<b>Description</b>			
In movian when showtime.httpReq(url) gets 503 response it causes the plugin to exit. Dump:  kisscartoon [ERROR]: Error (HTTP request failed http://kisscartoon.me/CartoonList/LatestUpdate -- HTTP error: 503) at /project/repo/checkout/src/ecmascript/es_io.c:412 kisscartoon [ERROR]: STACK DUMP: Error: HTTP request failed http://kisscartoon.me/CartoonList/LatestUpdate -- HTTP error: 503  /project/repo/checkout/src/ecmascript/es_io.c:412 anon native strict preventsyield anon showtime/http:101 tailcalled browseltms file:///home/pisek/workspace/showtime-plugin-kisscartoon/kisscartoon/kisscartoon.js:47 anon file:///home/pisek/workspace/showtime-plugin-kisscartoon/kisscartoon/kisscartoon.js:60 preventsyield apply native strict preventsyield anon showtime/page:366 preventsyield			
It should not work like that as there are many pages that respond with 503 (with custom error-page) together with <b>Refresh</b> header url which reloads content from the dynamically created, proper site (eg. CloudFlare).			

#### Associated revisions

Revision 59277a6b - 10/20/2015 05:23 PM - Andreas Smas

ecmascript: Add 'noFail' option

Fixes #2771

#### History

#1 - 10/06/2015 07:49 PM - Leonid Protasov

- Status changed from New to Fixed

- % Done changed from 0 to 100

Please use at least 4.10 and if the same is there - use following code:

```
var ok = false;
try {
  httpReq here
  ok = true;
}
```

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```
} catch(err) {
```

```
}
```

```
if (lok) ...
```

## #2 - 10/20/2015 04:34 PM - Michal Pisarski

The error is still there.

The response headers are not attached to any field in `err`

...

## #3 - 10/20/2015 04:35 PM - Michal Pisarski

The error is still there.

The response headers are not attached to any field in `err...`

## #4 - 10/20/2015 04:45 PM - Michal Pisarski

`Object.getOwnPropertyNames(err)` shows only **message** field which shows:

```
HTTP request failed http://192.168.0.11:9091/transmission/rpc -- HTTP error: 409
```

## #5 - 10/20/2015 05:24 PM - Andreas Smas

- *Status changed from Fixed to Accepted*

This could be improved.

## #6 - 10/20/2015 05:24 PM - Andreas Smas

- *Status changed from Accepted to Fixed*

Applied in changeset commit:git|59277a6bd77b5da257f32ed504465dcf91e9414b.

## #7 - 10/20/2015 05:25 PM - Andreas Smas

Added `noFail` option

example:

```
var http = require('showtime/http');
var doc = http.request('https://movian.tv/foobarfoo', {
  noFail: true
```

```
});

print("Response object:");
print('Status: ' + doc.statuscode);
print(doc.toString());
for (var hdr in doc.headers) {
  print(hdr + ": " + doc.headers[hdr]);
}
```

yields:

```
Response object:
Status: 404
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8" />
  <title>Redmine 404 error</title>
  <style>
    body {font-family: Trebuchet MS, Georgia, "Times New Roman", serif; color: #303030; margin: 10px;}
    h1 {font-size:1.5em;}
    p {font-size:0.8em;}
  </style>
</head>
<body>
  <h1>Page not found</h1>
  <p>The page you were trying to access doesn't exist or has been removed.</p>
  <p><a href="javascript:history.back()">Back</a></p>
</body>
</html>
```

```
CF-RAY: 2385bb0218b216a6-ARN
X-Rack-Cache: miss
Cache-Control: private
X-Runtime: 0.002521
X-Request-Id: ad6d315c910b2c92be58cdd11c7efe1b
Status: 404 Not Found
Connection: keep-alive
Transfer-Encoding: chunked
Content-Type: text/html; charset=utf-8
Date: Tue, 20 Oct 2015 15:24:35 GMT
Server: cloudflare-nginx
```

**#8 - 10/20/2015 05:26 PM - Andreas Smas**

I also added the statuscode property of the response object which might come in handy.

There's also a question if Movian should transparently handle Refresh: 0,URL -tag similar to a 3xx redirect?

#9 - 10/21/2015 09:36 AM - Michal Pisarski

Great! Thanks!/plugin\_assets/redmine\_wiki\_extensions/images/smile.png

#10 - 10/21/2015 12:48 PM - Michal Pisarski

And about this:

```
<meta http-equiv="refresh" content="0;URL='http://dupa.com/' />
```

IMHO yes, but there should be an option to forceNoRedirect or sth so that one can read this redirection page - there might be some important stuff there like session id or some important header etc.

#11 - 10/25/2015 10:36 AM - Buksa Noob

cf antibot

source [https://github.com/Anorov/cloudflare-scrape/blob/master/cfscrape/\\_init\\_.py](https://github.com/Anorov/cloudflare-scrape/blob/master/cfscrape/_init_.py)

```
@respond = http.request(BASE_URL, {
    method: 'GET',
    headers: {
        'User-Agent': USER_AGENT
    },
    noFail: true
})
if (respond.statuscode === 503) {
match = /name="jschl_vc" value="(w+)"/.exec(respond);
jschl_vc = match != null ? match[1] : "";
match = /name="pass" value="([\n]+?)"/.exec(respond);
pass = match != null ? match[1] : "";
var match = /setTimeout\(function\(\)\{\s+(\var t,r,a,f[\n]+?r?\n[\s\S]+?a\.value =[\n]+?)r?\n/.exec(respond);
result = match != null ? match[1] : "";
result = result.replace(/a\.value =(.\+?) \+ .+?;/g, "$1");
result = result.replace(/\s{3}[a-z](?: = |\.)+/g, "");
jschl_answer = +(eval(result)) + +BASE_URL.split("/")[2].length
setTimeout(function() {
    respond = http.request('http://online.anidub.com/cdn-cgi/l/chk_jschl?jschl_vc=' + jschl_vc + '&pass=' + pass + '&jschl_answer=' +
jschl_answer, {
        //method: 'GET',
        headers: {
            'Referer': BASE_URL,
            'User-Agent': USER_AGENT
        },
        noFail: true
    })
}, 4000);
}
print(respond)@
```