Changing nature of global security

The secret life of a cyber-vulnerability

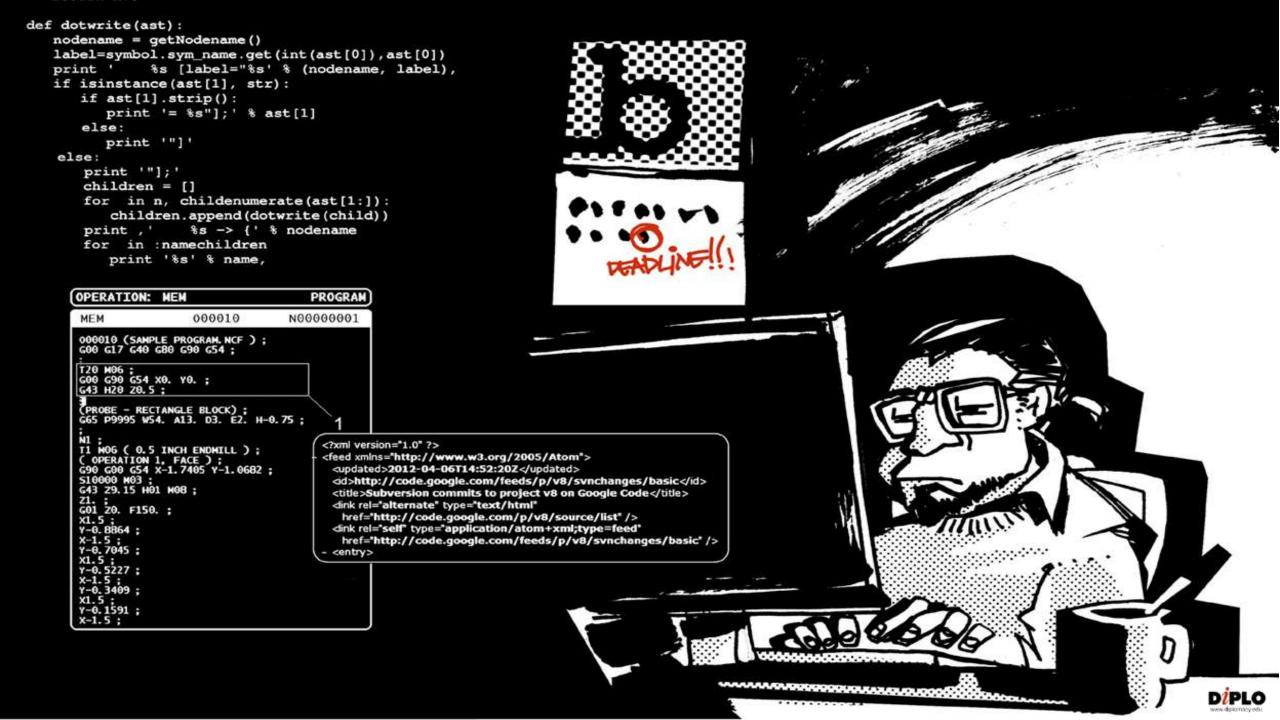
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A queue in front of Company A's shop... a new model has been released. That night, across the street, above Company B's shop ...



The next morning













```
ht ' %s [label="%s' % (nodename, label),
isinstance(ast[1], str):
if ast[1].strip():

'= %s"];' % ast[1]
e!

lse
pr____;'
children = []
for in n, childenumerat
    children.append(dotw
print ,' %s -> {' %
for in :namechildren
    print '%s' % name,
```

OPERATION: MEM

PROGRAM

```
MEM 000010 N00000001

000010 (SAMPLE PROGRAM. NCF );
G00 G17 G40 G80 G90 G54;

T20 M96;
G00 G90 G54 X0. Y0.;
G43 H20 Z0.5;

(PROBE - RECTANGLE BLOCK);
G65 P9995 W54. A13. D3. E2. H-0.75;
N1;
T1 M06 ( 0.5 INCH ENDMILL );
( OPERATION 1, FACE );
G90 G00 G54 X-1.7405 Y-1.0682;
S10000 M03;
G43 Z9.15 H01 M08;
Z1.;
G01 Z0. F15
X1.5;
Y-0.886
X-1.5;
Y-0.704
X1.5;
Y-0.3409;
```



X1.5; Y-0.1591; X-1.5;





```
MEM
                     000010
                                      N00000001
 000010 (SAMPLE PROGRAM. NCF );
G00 G17 G40 G80 G90 G54 ;
T20 M06 ;
G00 G90 G54 X0. Y0. ;
G43 H20 Z0.5 :
(PROBE - RECTANGLE BLOCK);
G65 P9995 W54. A13. D3. E2. H-0.75;
N1 :
                                            <?xml version="1.0" ?>
T1 M06 ( 0.5 INCH ENDMILL );
( OPERATION 1, FACE );
                                            <feed xmlns="http://www.w3.org/2005/Atom">
690 600 654 X-1.7405 Y-1.0682 ;
                                              <updated>2012-04-06T14:52:20Z</updated>
510000 M03 ;
G43 Z9.15 H01 M08 ;
                                              <id>http://code.google.com/feeds/p/v8/svnchanges/basic</id>
                                              <title>Subversion commits to project v8 on Google Code</title>
Z1. ;
G01 Z0. F157
                                              dink rel="alternate" type="text/html"
                                               href="http://code.google.com/p/v8/source/list"/>
x1.5;
                                              dink rel="self" type="application/atom+xml;type=feed"
Y-0. 886
                                                href="http://code.google.com/feeds/p/v8/svnchanges/basic"/>
                                              <entry>
Y-0. 5227
X-1.5;
Y-0.3409;
X1.5:
```



Y-0.1591; X-1.5;











HOME PRODUCTS ABOUT US CONTACT US



Subject: Warning!

I have found a vulnerability in your system!



Re: Subject: Warning!

...we will prosecute you for breaching our system!

Best regards







> nobody's messing with me!







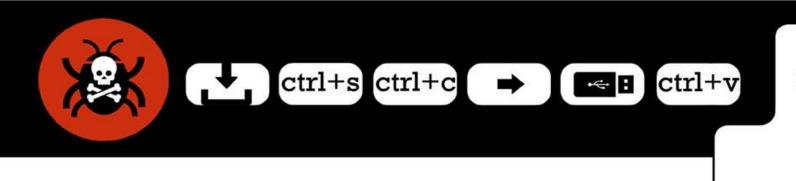






- > interested?
- < yes, same price?
- > same price.
- > done
- < always pleasure doing business with you.

















It's on the flash drive.

Great co-operating with you.





TOP SECRET











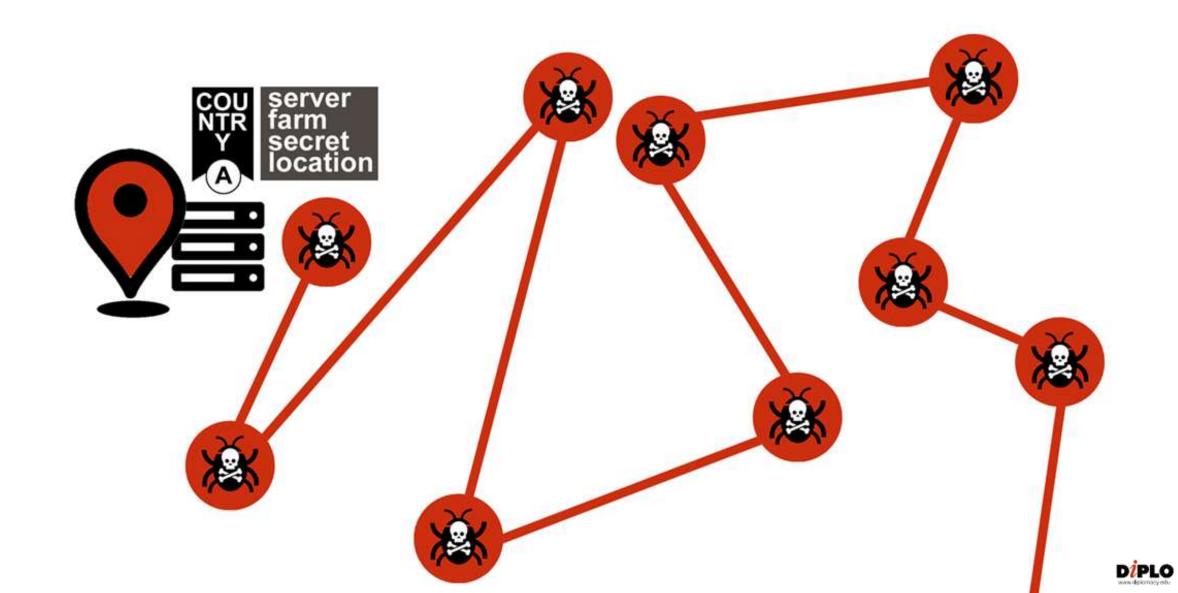




CYBER WEAPONS ON SERVER FARM SECRET LOCATION















CYBER ATTACK LIGHT ACK LIGHT AC







We discovered this and named it Bugzilla!







Installing critical updates



No updates available for your outdated system!



Installing 8 of 10 updates...
This may take a while.





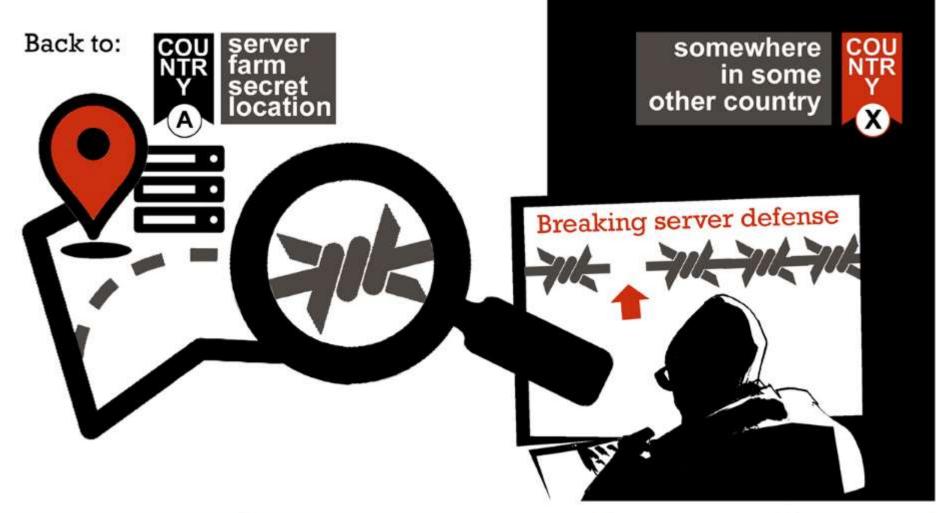
somewhere> potential disaster





















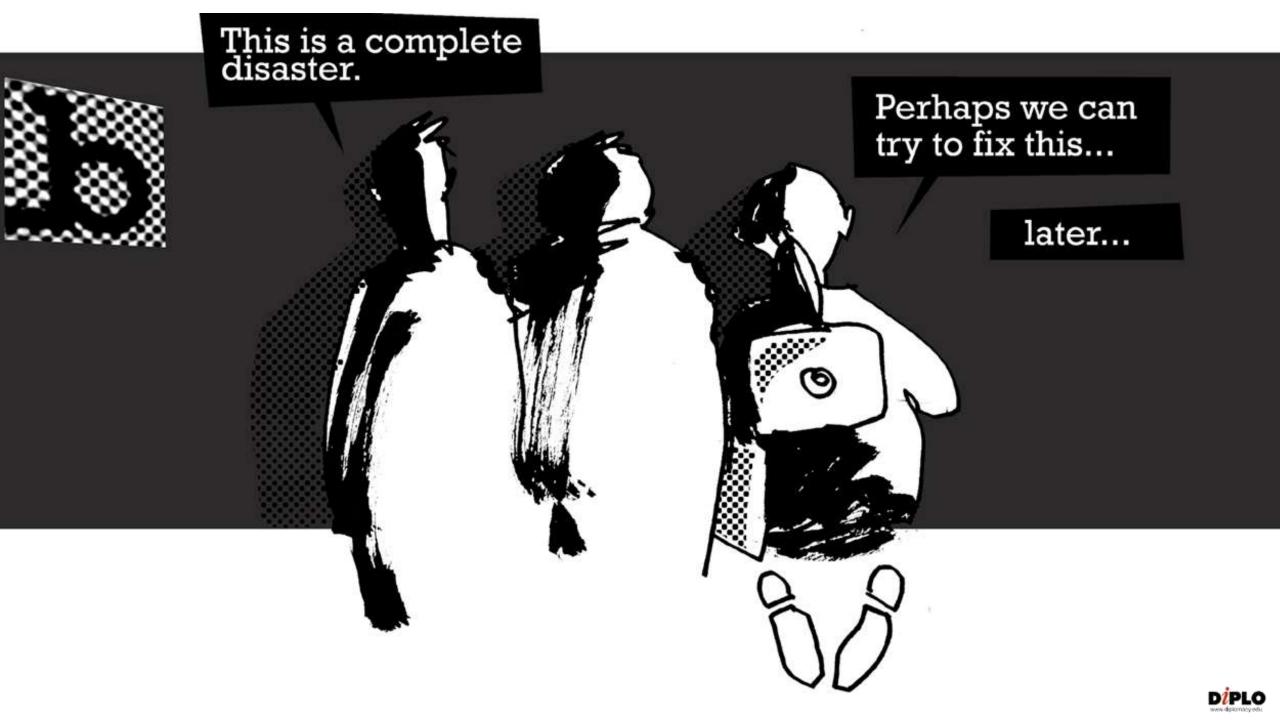




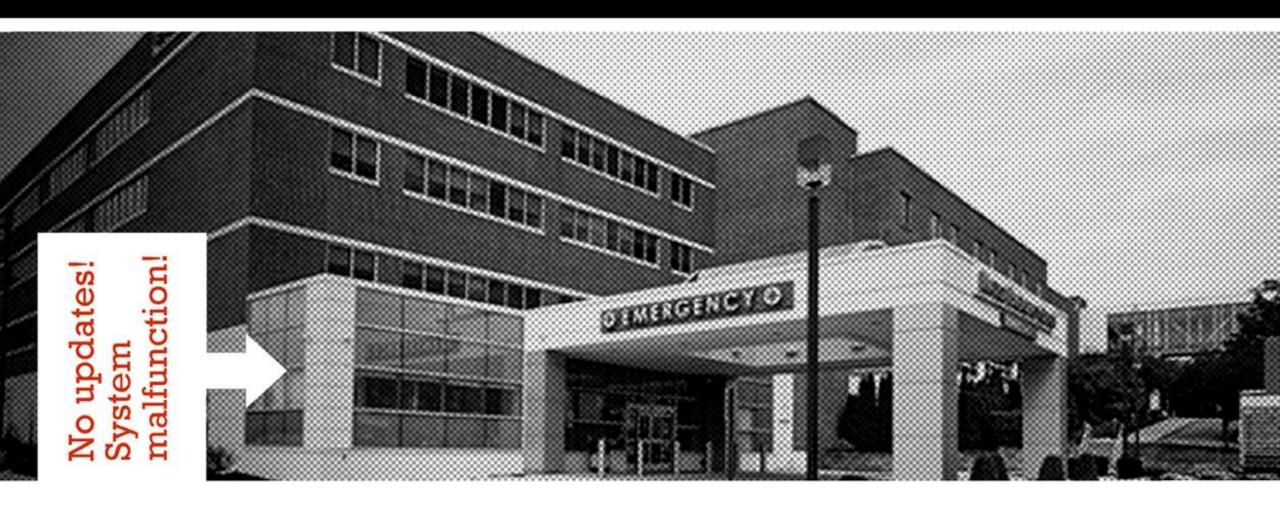








> Disaster occurs.









> epilogue







- > www.diplomacy.edu/cybersecurity
- > dig.watch/cybersecurity
- > vladar@diplomacy.edu
- > run
- > The secret life of a vulnerability
- > concept: Vladimir Radunovic
- > illustration + layout: Vladimir Veljasevic
- > production: @DiploFoundation | 2018
- > exit