

The day disaster struck the northeastern part of Japan



4

' or 1=1 -- Protect Yourself

4

C. SQL injection attack

CC. Earthquake attack

CCC. Sticker injection attack

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c SQL injection attack against my Lightning Talks title!!



**DAY1: Jun 13, 2011
Registration**

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c SQL injection attack against my Lightning Talks title!!



DAY2: Jun 14, 2011
SQL injection attack !!

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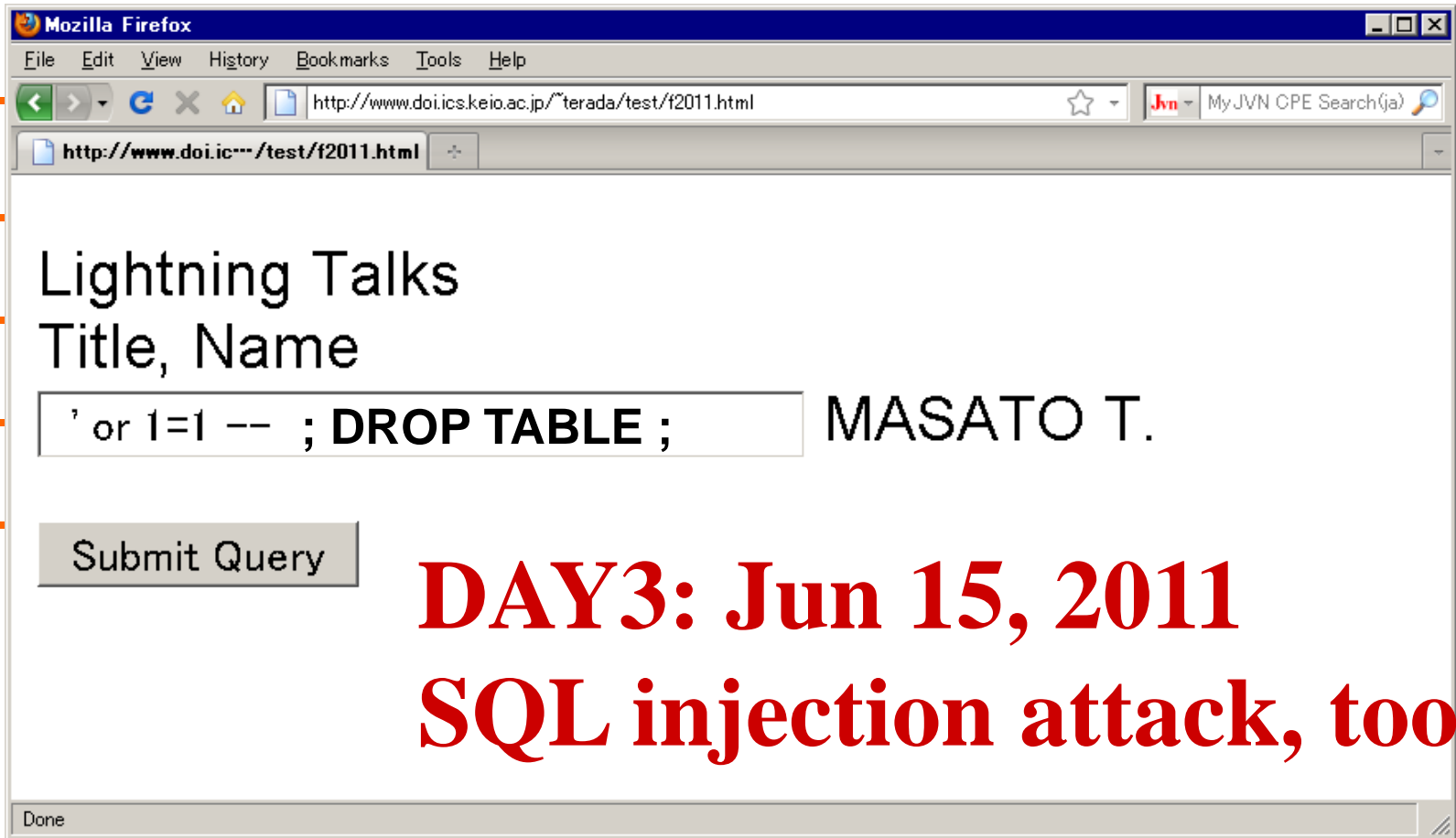
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c SQL injection attack against my Lightning Talks title!!



DAY3: Jun 15, 2011
SQL injection attack, too!!

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Countermeasure

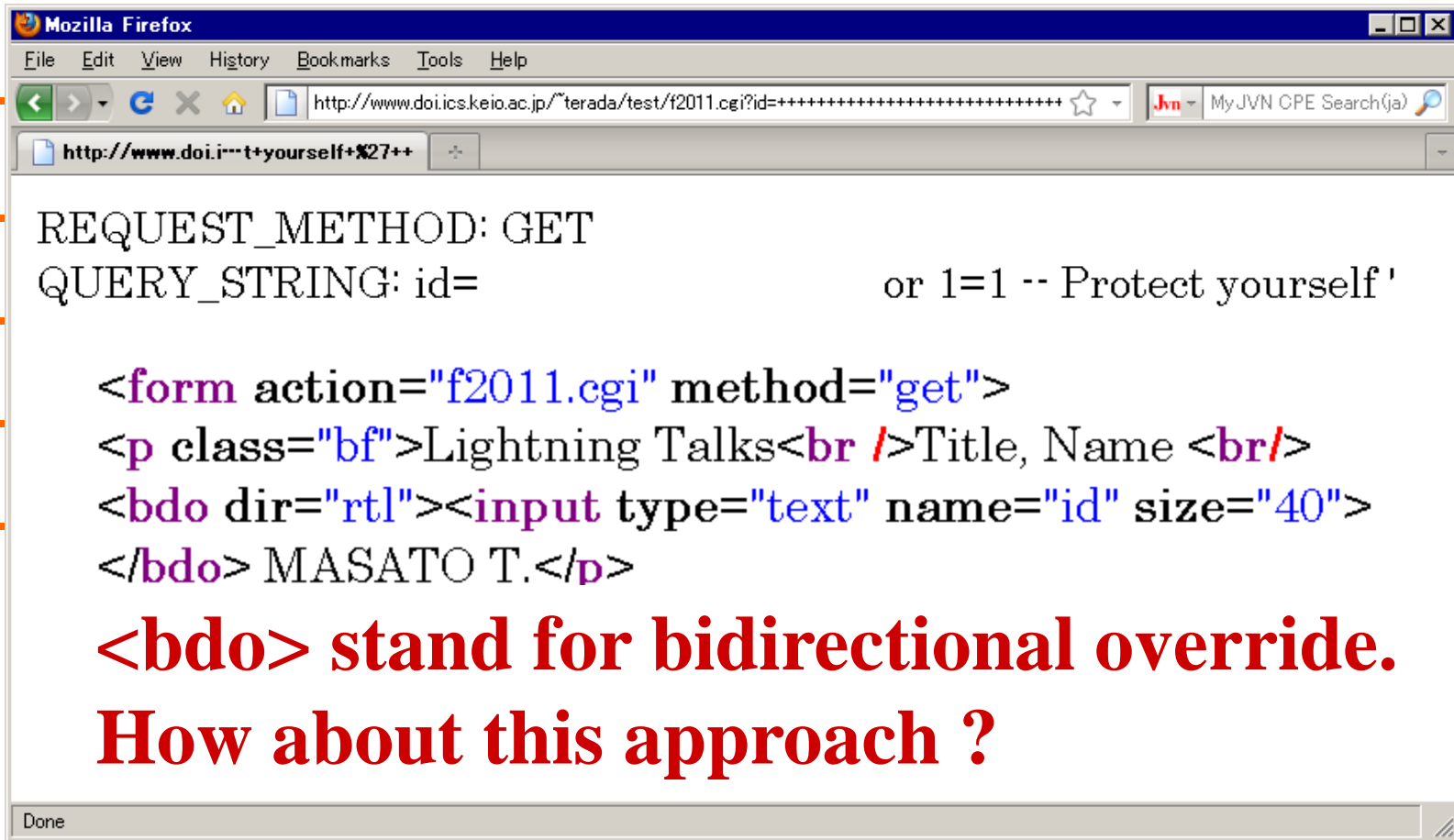
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c SQL injection attack against my Lightning Talks title!!



REQUEST_METHOD: GET
QUERY_STRING: id= or 1=1 -- Protect yourself'

```
<form action="f2011.cgi" method="get">  
<p class="bf">Lightning Talks<br />Title, Name <br />  
<bdo dir="rtl"><input type="text" name="id" size="40">  
</bdo> MASATO T.</p>
```

**<bdo> stand for bidirectional override.
How about this approach ?**

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Original

10 tips for earthquake safety

http://www.tfd.metro.tokyo.jp/lfe/bou_topic/jisin/point10eng.htm

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cc 6 tips for earthquake safety

d When You Feel An Earthquake

- Earthquake! Protect yourself first.
 - Be careful and wait until the quake is over.



cc 6 tips for earthquake safety

dd Right After An Earthquake

- Keep calm. Check all fire sources.
-

Put out fire quickly.

- If you were using any sources of fire or heat, turn them off when the shaking calms down.



- If a fire starts, put it out quickly and calmly.

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cc 6 tips for earthquake safety

ddd Right After An Earthquake

● Panic can hurt you.

- Be careful of fallen furniture and broken glass..
-
-
-
-
-
-
-
-



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cc 6 tips for earthquake safety

Right After An Earthquake

- Make sure you have a way out:
open doors and windows.
 - Secure an exit for escape when
the shaking stops.



cc 6 tips for earthquake safety

Right After An Earthquake

- Don't rush out in a panic. Watch out for falling objects.

- Watch out for falling objects such as roof tiles, broken glass, and signs.



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cc 6 tips for earthquake safety

Right After An Earthquake

● Keep away from gateposts and walls.

– If you feel an earthquake outside,

stay away from

concrete walls

and other objects

which may fall over.



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cc 6 tips for earthquake safety

Reference

● Prepare for Earthquake

<http://www.tfd.metro.tokyo.jp/eng/earthquakes.html>

– 10 ways to prepare earthquake

– 10 tips for earthquake safety

● Tsunami Preparation

http://www.fdma.go.jp/en/tsunami/tsunami_en.html

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ccc Sticker injection attack (SIA) 7th Talking with all attendees

Overview

Name badge is vulnerable to this issue.

Impact

Defaced name badge

DoS (interruption
in conversation)



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ccc Sticker injection attack (SIA)

CVSS

10 (v1.0)

CWE

77 (injection)

CPE

cpe:/a:first:namebadge:2011

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ccc Sticker injection attack (SIA)

Six variants

1st project: none

2nd project: Team Sticker



3rd project: Eto & FIRST Stickers



4th project: FIRST Sticker



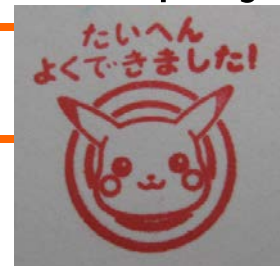
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5th project: FIRST Sticker






6th project: Pikachu



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ccc Sticker injection attack (SIA) Statistics

	C	CC	CCC	CCCC	CCCCC	CCCCCC	CCCCCCC
	17th Singapore	18th Baltimore	19th Seville	20th Vancouver	21th Kyoto	22th Miami	23th Vienna
Talked	152	243	313	326	326	()	
Total	328	343	474	396	383	()	467
%	46.3%	70.8%	66.0%	82.3%	85.1%	()	

Jun 12, 2011 - Jun 17, 2011

19 teams **C** SIA in the wild **C**