

The Mystery of the Reappearing Cookie

CSCI 3172  
Web-Centric Computing

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Mystery of Cookie Sharing

- \* Good cookies go where they are intended to
- \* Bad cookies go... everywhere
- \* How do programmers control where cookies go?

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Cookie Attributes

- \* Required
  - Name
  - Value
- \* Also:
  - Domain
  - Path
  - Expiry
  - Security required (boolean)

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## Details of one Cookie

Example: Session Tracking Servlet

Welcome, Newcomer

Information on Your Session:

Info Type	Value
ID	678C4BAB01BA3A789F6D788FD5DD2D
Creation Time	Tue Oct 08 08:48:56 ADT 2007
Time of Last Access	Tue Oct 08 08:48:56 ADT 2007
Number of Previous Accesses	0
MaxInactiveInterval	1800 seconds

[view source code]

http://torch.cs.dal.ca/~jamie/serveInt/showSession

Version: \_\_\_\_\_



The screenshot shows a 'Cookies' dialog box with a search field and a list of cookies. The selected cookie is from 'torch.cs.dal.ca' with the name 'jSESSIONID'. The details pane shows the following information:

- Name: jSESSIONID
- Content: 678C4BAB01BA3A789F6D788FD5DD2D
- Host: torch.cs.dal.ca
- Path: /~jamie
- Send For: Any type of connection
- Expires: at end of session

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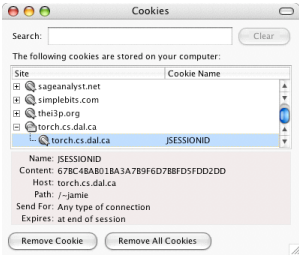
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## Close-up of cookie details



The screenshot shows a 'Cookies' dialog box with a search field and a list of cookies. The selected cookie is from 'torch.cs.dal.ca' with the name 'jSESSIONID'. The details pane shows the following information:

- Name: jSESSIONID
- Content: 678C4BAB01BA3A789F6D788FD5DD2D
- Host: torch.cs.dal.ca
- Path: /~jamie
- Send For: Any type of connection
- Expires: at end of session

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## Details of another cookie



The screenshot shows a 'Cookies' dialog box with a search field and a list of cookies. The selected cookie is from 'dal.ca' with the name '...utmc'. The details pane shows the following information:

- Name: ...utmc
- Content: 169843252
- Domain: dal.ca
- Path: /
- Send For: Any type of connection
- Expires: at end of session

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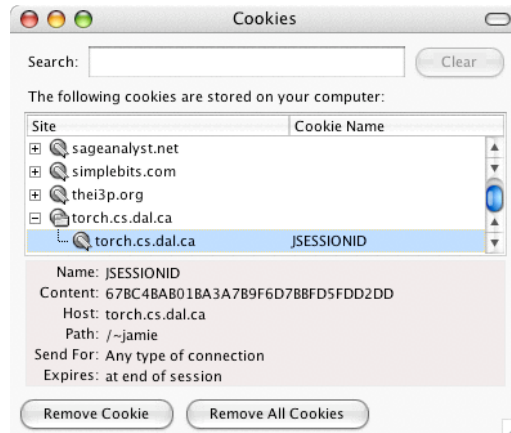
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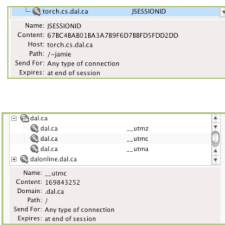
## Close-up of cookie details



## Details of another cookie



## Why does only one of these cookies show up in env.cgi?



- \* What restricts where cookies go?
- \* Where in the WWW is env.cgi?  
In other words: What restrictions apply to it?
- \* Which cookie appears in env.cgi?

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## Final (Review) Question

What difference will it make if env.cgi is at these URLs

- a) <http://www.cs.dal.ca/~jamie/env.cgi>
- b) <http://torch.cs.dal.ca/~jamie/env.cgi>
- c) <http://users.cs.dal.ca/~jamie/env.cgi>



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