

Google Groups

Software Seminar: Dr Paul Francis from NTT Software Lab will be

Tamara Tessier

Oct 19, 1999 2:00 AM

Posted in group: **umich.engin.cseg**

-----_-1271780479==_ma=====

Content-Type: text/plain; charset="us-ascii"

THE UNIVERSITY OF MICHIGAN
Computer Science & Engineering Division

Software Seminar

Yallcast: Extending the Internet
Multicast Architecture

Dr. Paul Francis
NTT Software Lab

Abstract:

IP multicast suffers from a number of technical problems, lacks applications, and in general is having trouble reaching critical mass, especially regarding anything resembling a global infrastructure. Server-based approaches are valuable and wide-spread, but there is no synergy in terms of multiple distinct groups working within the same architecture. As a result, progress is not as fast as it could be, and consumers are strapped with multiple application-specific infrastructures to deal with.

This talk presents an architecture, called Yallcast, that aims to unify both tracks under a single umbrella architecture. Yallcast attempts to take the best from both tracks--reliable and asynchronous distribution from the server-based track, and dynamic auto-configuration via a simple API from the IP multicast track.

Biography:

Dr. Francis has been a researcher in the area of internet routing and addressing for over a decade. His focus is on scaling and self-configuration. He is currently working on protocols for supporting host-based multicast.

Wednesday, November 3, 1999
Time 2:00-4:00 PM
Room #1005 EECS

Tamara Tessier
Research Secretary III
SSRL, EECS Department
University of Michigan
1301 Beal Avenue, rm. 2237
Ann Arbor, MI 48109-2122
PH: (734) 764-8484

-----_1271780479==_ma-----

Content-Type: text/enriched; charset="us-ascii"

Content-Transfer-Encoding: quoted-printable

<center><fontfamily><param>Times</param><bigger><bigger>THE
UNIVERSITY OF MICHIGAN

Computer Science & Engineering Division

<bigger><bigger>Software Seminar

</bigger></bigger><italic>Yallcast: Extending the Internet=20

Multicast Architecture

</italic></bigger></bigger></fontfamily></bold><fontfamily><param>Times</par=
am><bigger><bigger>Dr.

Paul Francis

NTT Software Lab

</bigger></bigger></fontfamily></center><fontfamily><param>Times</param><big=
ger><bigger>

</bigger>Abstract:

</bold>IP multicast suffers from a number of technical problems, lacks applications, and in general is having trouble reaching critical mass, especially regarding anything resembling a global infrastructure. Server-based approaches are valuable and wide-spread, but there is no synergy in terms of multiple distinct groups working within the same architecture. As a result, progress is not as fast as it could be, and consumers are strapped with multiple application-specific infrastructures to deal with.=20

This talk presents an architecture, called Yallcast, that aims to unify both tracks under a single umbrella architecture. Yallcast attempts to take the best from both tracks--reliable and asynchronous distribution from the server-based track, and dynamic auto-configuration via a simple API from the IP multicast track.

Biography:

</bold>Dr. Francis has been a researcher in the area of internet routing and addressing for over a decade. His focus is on scaling and self-configuration. He is currently working on protocols for supporting host-based multicast.

<center><bigger>Wednesday, November 3, 1999

Time 2:00-4:00 PM

Room #1005 EECS

</bigger></bold></center><bold><bigger>
</bigger></bold></bigger></fontfamily>

Tamara Tessier

Research Secretary III

SSRL, EECS Department

University of Michigan

1301 Beal Avenue, rm. 2237

Ann Arbor, MI 48109-2122

PH: (734) 764-9401

Email: tes...@eecs.umich.edu

-----_-1271780479==_ma-----

MAIL ALIAS

- Official CSEG and EECS mail (talks, etc.): cseg
- Social mail (intramurals, happy hour, etc.): cseg-social
- Commercial mail (tickets for sale, etc.): cseg-ads
- Housing mail (Apartmentmate wanted, sublets, etc.): cseg-aps
- Job announcements: cseg-jobs
- CSEG mailing list maintenance (any list): cseg-request

CSEG Web Page(Jobs, Seminars, Dilbert, etc): <http://www.eecs.umich.edu/CSEG>

Please support CSEG by buying your soda from CSEG vending machines.