

EMBLIX TRIP REPORT

John Cheuck
Vice Chairman

Asian Enterprise Open Source Conference
October 31st, 2003
Suntec City, Singapore

1. Emblix was invited to attend and present at the Asian Enterprise Open Source Conference by Asst. Director Chua of the Singapore Economic Development Board (EDB). John Cheuck attended as a speaker. Hiroshi Monden also participated in the seminar.
2. The objective of the AEOSC was to gather leading representatives from industry and industrial groups in the Pacific Rim to discuss the growing opportunities surrounding open source and open software solutions using linux. At the same time, the event was meant to kick-off the independent Asian initiatives surrounding linux and open source.
3. There were two industrial organizations invited from Japan: Dr. K. Sakamura (T-Engine Forum) and J. Cheuck (EMBLIX). Other representatives were from all over Asia and the US.
4. Our interest, on behalf of EMBLIX, for attending the conference as a speaker was (1) to exchange information with other representatives of Asian related open source/open software industry, (2) to promote and invite Asian representatives to participate in the growing Japanese market for embedded linux and open software solutions, through partnering with EMBLIX members and events, and (3) to solicit an Asian representative for the EMBLIX Advisory Board, Dr. Kenneth Ong from the National Singapore University.

A. Summary of Presentation

Embedded Linux for Next Generation Consumer Electronics - a Japan Update

0900-1000h, October 31st, 2003

- Japan CE industry represents 80%+ of worldwide shipments
- scale and scope of new designs per year in Japan
- what areas are the designs in?
- information appliances: past, present and future?
- What are the key technical design issues and why Embedded Linux is becoming more and more popular
- Japanese market/ET2002/JASA statistics
- EMBLIX description and history
- CELF
- current hot topics for embedded linux
- where you can go for more information

In total there were 19 attendees during my presentation. There were about 60 in attendance for Sakamura T-Engine presentation the previous day.

The main issues that came up in discussions with the group were as follows:

1. The market opportunity in Japan, how big, how real?
2. The relationship between the T-Engine project and embedded linux initiatives?
3. Are there any opportunities for Asian developers to work with Japanese partners? As outsourced development? As a source of new products and technology?
4. Role of EMBLIX vis-à-vis CELF vis-à-vis ELC?

Specific questions that were raised during my presentation included:

1. What is the licensing model that is popular in Japan? GPL, non-GPL?
2. WindowsCE status in Japan
3. What is the status of education for linux and embedded linux in Japan?
4. Windriver status in Japan wrt Embedded Linux growth?
5. BSD status in Japan?

B. Post Presentation Discussions and Meetings

Danece Cooper, Open Source Diva, Open Source Initiative, Sun Microcomputer

Nancy Lee, Singapore Computer Society

Dr. Kenneth Ong, Professor, National Singapore University

Mr. Harish Pillay, Director, Linux Users Group, Singapore

Ivan HAN, Senior Officer, Incubation Unit (Embedded Software), Economic Development Board

Mr Chua, (副長官) Assistant Managing Director of the Singapore Economic Development Board

C. EMBLIX Advisory invitation to Dr. Kenneth Ong

Met with Dr. Kenneth Ong to hear his views on the status of open source and embedded linux in Asia with an emphasis on the relationship with Japan.

Invited Dr. Ong to participate in EMBLIX as a member of our Advisory Board from our next fiscal year.

Dr. Ong accepted but advised that the process for approval from his university would take some time.



Asian Enterprise Open Source Conference



CONFERENCE PROGRAMME

Workshops - 29 October 2003

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|-----------|--|-----------------|
| 0900-1230 | Workshop 1: Rocks Clusters
Lawrence Liew
Linux Competency Centre
SCS | Workshop 2: TBA |
| 1400-1700 | Workshop 3: Porting to Embedded
Linux - What to do &
How to do it
Dr Kenneth Ong, NUS | Workshop 4: TBA |

Conference Day 1 - 30 October 2003

- 0800-0830: Registration
- 0830-0835: Welcome Address by AEOSC Organizing Committee Chairman
- 0835-0840: Welcome Address by LUGS President
- 0840-0900: Opening Address by Guest of Honour
- 0900-0930: Keynote 1: Prof Ken Sakamura, founder of TRON
- 0930-0950: Q&A
- 0950-1010: Tea Break
- 1010-1040: Keynote 2: Bruce Perens, Founder OSI
- 1040-1100: Q&A
- 1100-1115: LUGS Awards
- 1115-1130: Break
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| 1130-1300: | <u>Technical Track T1</u>
Security and all that
by RainForestPuppy | <u>Business Track B1</u>
Intellectual Property and
the Open Source Movement
by Chang Sau Sheong |
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- 1300-1400: Lunch
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| 1400-1530: | <u>Technical Track T2</u>
Inside the FreeBSD
SMP Implementation
by Donald K. Rosenberg | <u>Business Track B2</u>
The Coming Software
Revolution
by Greg Lehey |
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- 1530-1600: Tea Break

1600-1730: <u>Technical Track T3</u> Linux Virtual Memory Management - what to expect with 2.6 by Eugene Teo and Mel Gorman	<u>Business Track B3</u> JBoss by Marc Fleurry
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Conference Day 2 - 31 October 2003

0900-1000: <u>Technical Track T4</u> PHP 5 New Features by Marcus Borger	<u>Business Track B4</u> Topic TBC by John Cheuck Vice Chairman, Emblix
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1000-1030: Tea Break

1030-1130: <u>Technical Track T5</u> Bandwidth Management with CFEngine by Raj Mathur	<u>Business Track B5</u> Open Source Database Systems by Jenny Zhang
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1130-1230: <u>Policy/Standards Track PS1</u> Open Source in Government Chong Chan Meng Asst CIO, Mindef	<u>Education Track E1</u> Open Source Code Comprehension - A Practical Approach by Mel Gorman
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1130-1230: <u>Policy/Standards Track PS2</u> Impact of Open Source and Future IPR regulation in the developing countries Rudy Rusdiah BE, MBA	<u>Education Track E2</u> The Embedded Linux Project - Pragmatic Cost Estimation by Prof Kenneth Ong
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1230-1330: Lunch

1330-1430: <u>Policy/Standards Track PS3</u> SGI CTO Goh Eng Lim	<u>Education Track E3</u> TBA
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1430-1530: <u>Policy/Standards Track PS4</u> Copyright/Copyleft by Tan Min Liang	<u>Education Track E4</u> TBA
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1530-1600: Tea Break

1600-1700: Panel on Licensing Issues

1700-1730: Closing Keynote: John Perry Barlow, Founder of EFF