ITRON North American Chapter

Donald Dunstan
Chairman
ITRON North America Preparatory Committee
President and CEO
U S Software Corporation

Advantage of the ITRON specifications

- Compact and low-overhead real time kernel specifications
  - fit in a single chip MCU
- Easy to understand
- open specification
  - anyone can use the specification without any licensing fee
  - complete specification documents on the website (www.itron.gr.jp)
- Applicable to wide variety of processors
  - from low-cost 8 bit MCU to high performance 64 bit RISC
- Widely used for various embedded systems
  - used in over 30% of embedded systems in Japan
- Supported by many vendors

Kernel - The Core of Embedded Application

- Open Standardization Movements in High Tech Industry
  - UNIX: Posix
  - TCP/IP networking: Request for Comments
  - USB, Bluetooth, Java, file/data format, IEEE, etc.......

- Kernel standardization?
  - Osek for automotive

- Software crisis

- In the U.S. market........

ITRON North America Chapter Preparatory Committee

- Founded March 1, 2000 in Chicago
- Mission: To launch North American Chapter
- Interim Committee Chairman (term of office, 6 months):
  - Don Dunstan, U S Software
- Qualifying Participants
  - Those who attended the March launch meeting
  - ITRON Committee's members in Japan
  - Anyone who fills out and submit the registration form (inquire registration@itron.gr.jp for registration form)
- Current Participating U.S. Vendors: ATI, Hewlett Packard, Red Hat, Green Hills, U S Software.

ITRON North America Chapter Preparatory Committee (cont)

- Discussion through Mailing List: na_prep@itron.gr.jp
- Discussion Items:
  - Chapter Bylaw
  - Assess the need for anti-trust guidelines
  - Type of membership, membership fee
  - Election per bylaw
  - North American activities

North American Chapter

- **Short-term Missions**
  - Promoting ITRON spec in North America
    - Educating Software Engineer
    - Contributing articles, publishing books
    - Implement certificate program

  - Assist North American vendors to enter into the Japanese market through ITRON related technologies
    - Get feedback from North American vendors and reflect them to activities in Japan
    - Provide updated ITRON information to North American audience

- **Long-term Missions**
  - Internationalize the ITRON standardization activities

North American Chapter (cont)

- Launch Date: Embedded Systems Conference, San Francisco, April, 2000

Call for Participation

- Anyone is welcome to participate The Preparatory Committee and North American Chapter
  - Development tool vendor, RTOS vendor, semiconductor vendor, middleware vendor, system integrator, academia........

- North American Preparatory Committee Dinner Meeting
  - September 27, Wednesday, 2000
  - 6:00pm at Hyatt Sainte Claire

- Want to join? Send the following registration information to ITRON Association (registration@itron.gr.jp)

  - name, title, company, address, phone, email address