Xenomai User Meeting
Xenomai – What is it?

Xenomai = Real-Time and RTOS
Emulation Framework for Linux

- 2001 – First public release
- 2002 – Xenomai ported over Adeos
- 2003 – join forces with RTAI, port RTAI over Adeos
- 2005 – leave RTAI, be independent again
- 2008 - Xenomai/SOLO
Xenomai – Why are we here?

- Xeno... what was that name? What's that?
- Is it qualified for industrial use?
- Are there any projects that really use it?
- Where can I find help?
- Who provides commercial support?

- Establish direct contact between Makers and Users; provide bi-directional feedback
- Match faces to names!
- Get out of the niche: every visible use case helps to promote Xenomai
- Encourage potential users: you are not alone
Xenomai – Who is Who?

- Philippe Gerum – Project Leader
  “Mr. Xenomai”
- Gilles Chanteperdrix – Co-Leader
  ARM (incl. Adeos), POSIX Skin, SMP
- Jan Kiszka – RTDM
- Wolfgang Grandegger – RT-Can
- Alexis Berlemont – Analogy (Comedy)

See also: http://git.xenomai.org/?p=xenomai-head.git;a=blob;f=CREDITS
Xenomai – Who is Here?

- Core Developers: Philippe Gerum, Gilles Chanteperdrix, Jan Kiszka, Wolfgang Grandegger ...
- Advanced Control Systems, Belgrade, Serbia
- DENX (SE+CS), Gröbenzell, Germany
- Flanders’ Mechatronics Technology Centre, Leuven, Belgium
- Katholieke Universiteit Leuven, Belgium
- KW-Software GmbH, Lemgo, Germany
- Lolitech, Saint-Dié-des-Vosges, France
- manroland AG, Augsburg, Germany
- Netstal-Machinery Ltd., Naefels, Switzerland
- OMICRON electronics GmbH, Austria
- Ruggedcom Inc., Woodbridge, Canada
- Siemens AG, Munich, Germany
- Xerox, Welwyn Garden City, United Kingdom
13:00 Welcome
  Wolfgang Denk, DENX Software Engineering GmbH, Gröbenzell, Germany
13:10 Xenomai Roadmap
  Philippe Gerum, xenomai.org
13:40 T.B.D.
  Jan Kiszka, Siemens, Munich, Germany
14:10 Xenomai Operation in the Industrial Environment of Printing Systems
  Roderik Wildenburg, manroland AG, Augsburg, Germany
14:40 Real Time Toolkit for Open Robot Control Software
  Peter Soetens, Katholieke Universiteit Leuven, Belgium
  Markus Klotzbücher, Katholieke Universiteit Leuven, Belgium
15:10 How we use the Orocos/Xenomai combo
  Klaas Gadeyne, Flanders' Mechatronics Technology Centre, Leuven, Belgium
15:20 Xenomai and Realtime Image Processing Control
  Jorge Ramirez-Ortiz, Xerox, Welwyn Garden City, United Kingdom
15:45 Coffee Break
16:15  ARM Fast Context Switch Extension for Linux
       Richard Cochran, OMICRON electronics GmbH
       Gilles Chanteperdrix, xenomai.org
16:40  About the Challenges and Successes with Xenomai in an Industrial Environment
       Andreas Glatz, Ruggedcom Inc.
16:55  Beremiz roadmap from CanFestival and MatPLC to Automforge.net
       Edouard Tisserant, Lolitech, Saint-Dié-des-Vosges, France
17:10  Xenomai: Experiences with Testing and Continuos Integration
       Niklaus Giger, Netstal-Machinery Ltd., Naefels, Switzerland
17:30  Technology for Your Automation
       Martin Gottschlich, KW-Software GmbH, Lemgo, Germany
17:45  Advanced Control Systems
       Bosko Radivojevic, Advanced Control Systems, Belgrade, Serbia
18:00  Open Discussion
18:30  The End
Discussion

- Meet again?  ==> yes !!
- How frequently?  ==> about once per year
- Where?  ==> somewhere in Europe
- Organization?  ==> combine with other community event