EuroTools

A Working Group for European High Performance Computing and Networking Tools Promotion

Funded by the European Commission
Esprit Working Group # 27141

Motivation

- Many useful tools for HPCN have been developed in Europe
- But they are not widely available and used
- Reasons:
  - Difficult market situation in Europe:
    Tools developed by SMEs and ISVs, no big HW vendors
  - Gap between prototype development and commercial exploitation
  - Users do not know about the tools
  - Tools do not satisfy the users' needs

Objectives

- Increase the visibility and use of European HPCN software
  - both inside and outside Europe
- Improve communication between end-users and tool developers
- Establish collaborations among designers, developers, vendors, and users of European HPCN tools

Activities

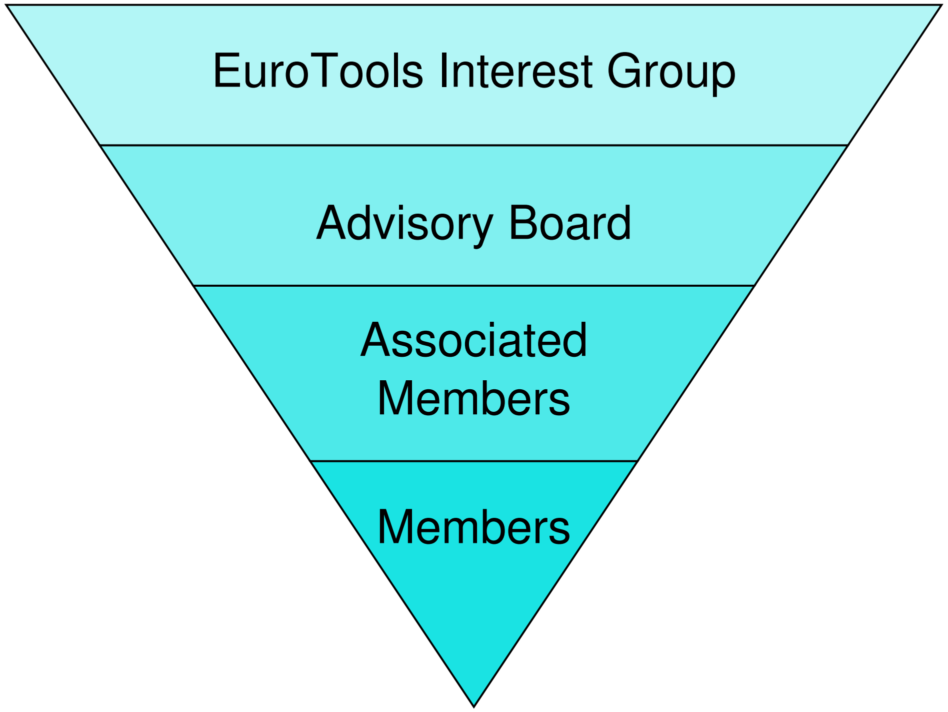
- Dissemination of information on European tools
  - WWW site: `http://www.irisa.fr/EuroTools/`
  - Flyers, one-page descriptions
- EuroTools annual event, workshops, participation in end-user meetings
- Focused technical meetings
- Training activities, hands-on days
- Active information gathering and feed-back from end-users and developers

Structure of EuroTools

Logical Structure:

- General Interest Group
- Special Interest Groups:
  - MPI & PVM
  - High Performance Fortran
  - Object Oriented Technologies

Physical Structure:



Working Group Members

Companies

ACE	(NL)
GENIAS	(D)
N.A. Software	(UK)
PALLAS	(D)
SIMULOG	(F)

Computing Centers

CNUCE-CNR	(I)
CSCS/SCSC	(CH)
ONERA	(F)
VCPC	(A)

Research Laboratories

INRIA	(F)
Research Center Jülich	(D)
Lund University	(S)
GMD	(D)
TU Dresden	(D)
TU Munich	(D)