



## Open MPI: Blending Academia and Industry



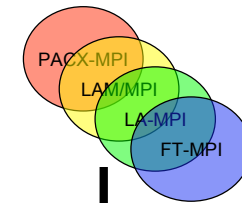
Jeff Squyres

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## Open MPI is Community

- Originally founded by 4 organizations
  - Indiana University
  - Los Alamos National Laboratory
  - University of Tennessee
  - High Performance Computing Center Stuttgart
- Now has 13 members
  - Both industry and academic members
  - More organization in the process of being added
- Collaboration is the key
  - The sum is greater than its parts



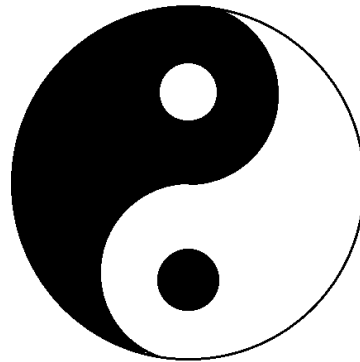
OPEN MPI

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## Academia and Industry

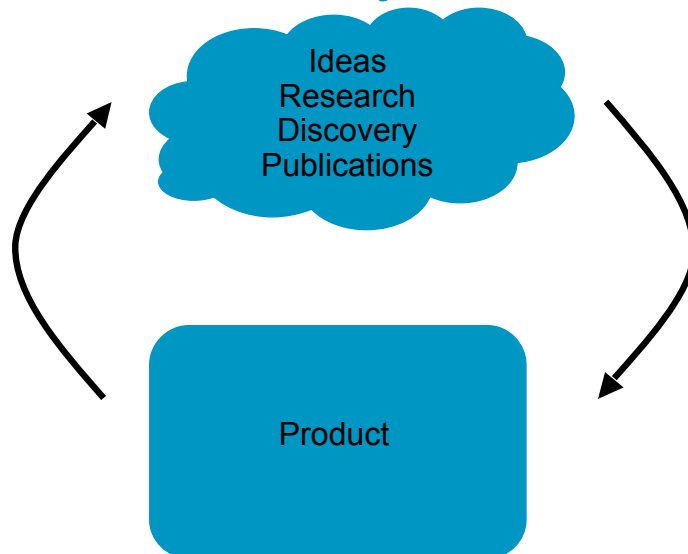
- Let academics do what they do best
  - New whacky ideas
  - How can we squeeze a little more performance?
  - What can I do *differently*?
- Let industry turn those ideas into products
  - Quality assurance
  - Testing
  - Maintenance



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## Academia and Industry



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Ok, that's fine. Does it work?

YES

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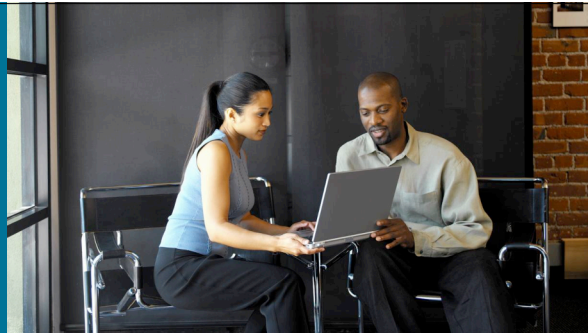
How well does it work?

- Pretty well - different viewpoints are good
  - We learn from each other
  - We compromise
  - We are community
- One complements the other

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“We are  
stronger  
together than  
we ever could  
be apart”



<http://www.open-mpi.org/>

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