Assistance

Message Passing Desktop Computer Grid

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Labs of the world, unite!!!

CIRNE, Walfredo et al. Labs of the world, unite!!! Journal of Grid Computing, Springer, v. 4, n. 3, p. 225–246, 2006.

- Criaram “Our Grid” DCG para laboratorios academicos
- Permite enviar Kernells para executar em maquinas virtuais JAVA ou Unix
- Protege contra mal-uso e *freeriding*
- Simples de instalar pois evita burocracia

On using Desktop Grid Computing in software industry

- **CEDERSTRÖM, Andreas. On using Desktop Grid Computing in software industry. 2010. Dissertação (Mestrado) — School of Engineering, Blekinge Institute of Technology, Ronneby, Suécia.**

- Pesquisa (por SLR) e compara os principais trabalhos em DCG
- Pesquisa interesse da indústria de software
- Implanta um sistema de DCG
- Conclui que falta compatibilidade

A taxonomy of peer-to-peer desktop grid paradigms

- **ZHAO, Han; LIU, Xinxin; LI, Xiaolin. A taxonomy of peer-to-peer desktop grid paradigms. Cluster Computing, Springer, v. 14, n. 2, p. 129–144, 2011**

- Categorizam sistemas de DCG por sua forma de gestão de comunicações e virtualização
- Categorizam aplicações de DCG por adequação
- Todos os trabalhos correlatos enviam códigos portáteis para execução por parceiros

Perspectives on grid computing

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Perspectives on grid computing

- **SCHWIEGELSHOHN, Uwe et al. Perspectives on grid computing. Future Generation Computer Systems, Elsevier, v. 26, n. 8, p. 1104–1115, 2010**

- Revisam a filosofia dos sistemas de DCG existentes, e seu uso típico
- Falam das grandes iniciativas de Grid industrial e científica
- Falta Compatibilidade e Engenharia de Software em DCG

Distributed computing in practice: The condor experience

- **THAIN, Douglas; TANNENBAUM, Todd; LIVNY, Miron. Distributed computing in practice: The condor experience. Concurrency and Computation: Practice and Experience, Wiley Online Library, v. 17, n. 2-4, p. 323–356, 2005.**

- Falam sobre o uso e manutenção do sistema CONDOR, de 1982
- Assumem que o sucesso de CONDOR se deve à boa engenharia de software!

for everyone to have a Powerful Machine