

*Digital Business
Ecosystem*

HELSINKI, APRIL 2006



PORTO ALEGRE, APRIL 2006



DBE in a nutshell

- Free Software project funded by European Union
 - Part of the €16 billion Framework Project 6
- First running version in summer 2005
- Developers include IBM, Sun and Intel
- EU motivation for the project is making European small business more efficient



DBE components

- Execution Environment
 - Java ServENT (Server-Client) for running the DBE services
 - Networking using Fada's scale-free P2P network
- Evolutionary Environment
 - Tools for connecting services and analyzing health of the network
- Service Factory
 - DBE Studio: development tools for creating DBE services using Eclipse





Business ecosystem in practice: car rentals

*Why do we need a
Digital Business
Ecosystem?*

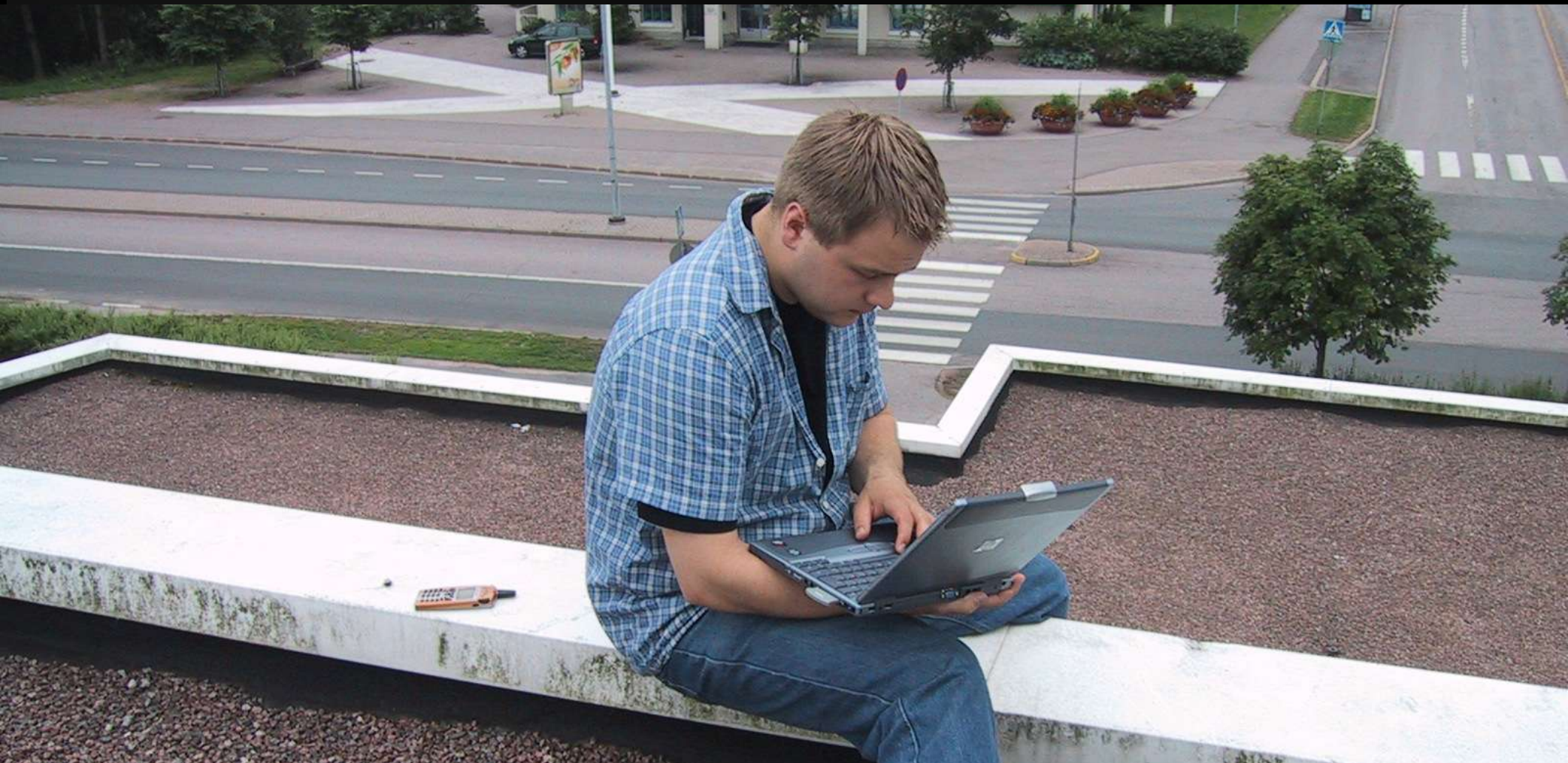
*All business is connections
between people*



*...but business software
doesn't connect*

*EDI and Web Services
work with static
connections*

*...but what about small business
run “off the laptop”?*



*Fixing these problems is
a major opportunity for
Free Software*

DBE in Brasil: How to get started?

- Local business cases – find the real benefit of networking
- Recognize localized Free Software applications fitting for integration
- Arrange training for DBE implementors
 - Nemein has provided similar training in Finland
- Local DBE Fada “root node”





*Microenterprise is important
in a globalizing world*

“An ecosystem of networked small companies can evolve and adapt faster and more safely than the huge corporations”



WSIS 2005:

“Minister of Culture of Brasil, Gilberto Gil confirmed that the initiative fits with the Brazilian approaches in ICT as enabling instrument for empowering the local culture and e-business”

finally...

Try DBE in practice

The screenshot shows a web browser window titled "Knowledge Workplace - calendario" with the URL "http://xen.crcitalia.it/kw/calendar/week/2006-02-18.html". The interface includes a navigation bar with "Go to", "today", "Month view", "Day view", "Previous", and "Next". The main content area displays a calendar for "Week #07 2006" from Monday, February 13th to Sunday, February 19th. Each day has a grid for time slots (08, 10, 12, 14, 16, 18) and rows for "Me", "utente1 prova", and "Utente Prova". Events are shown as colored blocks: "te" on Monday and Tuesday, "Testing" on Wednesday and Thursday, "Test" on Friday, and a yellow block on Sunday. A sidebar on the left contains the "OpenPsa" logo and a "Create event" button, along with a list of menu items: Aegir, calendario, cerca, contatti, documenti, forum, gruppi, jabber, mail, notizie, reports, Spammer, and Wiki.

Nemein Oy

Consultant Partner
<http://www.nemein.com/> 

User account
bergie

Digital Business Ecosystem 

DBE ServiceID:
2e48cb9fd47665d536b6665d210ebe72
never synchronized

Networked project management with DBE

- Typical project management software is monolithic
 - Outsourcing and microcorporations are increasing trend in IT business
 - How to allow collaboration across corporate boundaries?
- Solution:
 - Connect project management apps of partner companies through the DBE network
- The OpenPsa approach:
 - Users use the PHP based UI
 - Remote DBE users are recognized with a service ID set in person preferences
 - OpenPsa service inside the ServENT watches for changes
 - Data is serialized to XML format using Exorcist
 - XML gets transferred over DBE Fada network
 - Service updates sync status to database

DBE resources

- DBE project site
 - <http://www.digitalecosystem.org/>
- Planet DBE – DBE blogs
 - <http://www.nemein.com/planet-dbe/>
- DBE Studio – Eclipse plugin
 - <http://dbestudio.sourceforge.net/>
- OpenPsa – networked project mgmt tool
 - <http://www.openpsa.org/>