

M&T SIG

Bertrand Braunschweig
Cannes, March 10th, 2006



A brief history of M&T

- ◆ **There was a M&T group in Global CAPE-OPEN**
 - ⇒ definition of common tools, methods
 - ⇒ checking specs conformance with recommendations
 - ⇒ etc.
- ◆ **No M&T SIG in CO-LaN until now**
 - ⇒ not enough resources
 - ⇒ no specs to check
- ◆ **There is now a momentum towards .Net as a platform for interoperability**
 - ⇒ need computer science people and others to look at it



SIG members

- ◆ **Bill Barrett** US EPA
- ◆ **Lars von Wedel** AixCAPE
- ◆ **Mark Lichtenauer & Joe Holmes** HTRI
- ◆ **Pascal Roux** IFP
- ◆ **Richard Szczepanski** Infochem
- ◆ **Jean-Pierre Belaud** ENSIACET
- ◆ **Alan Scott** TUV-NEL
- ◆ **Marcel van Maasdam** Shell
- ◆ **Someone from Dow** Dow
- ◆ **Tom Williams** PSE
- ◆ **Bertrand Braunschweig (chair)** IFP



2006 Objectives

- ◆ **1. Define best practices/cookbook for developing COM CO-compliant components using .Net**
 - ⇒ deliverable: a document on "how to do CAPE-OPEN COM with .Net"
 - ⇒ Target: final version for Sept. 2006
 - ⇒ no new interface spec
 - ⇒ some sample code
- ◆ **2. Study on the + and – of moving to native .Net interfaces for CAPE-OPEN**
 - ⇒ technology, performance, functionality, business value
 - ⇒ deliverable: recommendations on what to do next and how
 - ⇒ Target: end 2006, Go/Kill decision beg. 2007



Next steps

- ◆ **Bill Barrett and Lars von Wedel to co-author first version of document**
 - ⇒ **comments by others**
 - ⇒ **conference call mid-May for monitoring progress**

CO ▼ LaN



The rest of the session

- ◆ 08:30 TINA/PLATINA
 - ⇒ Pascal Roux, Martin Gainville
- ◆ 08:40 *Distributed CAPE-OPEN Simulation of Oilfield Production Networks on PC Clusters*
 - ⇒ Pigeon, Roux, Gautier, Paen, Braunschweig
- ◆ 09:05 IFP UNIT Wizard for C++ code
 - ⇒ Pascal Roux
- ◆ 09:25 Development of a CAPE-OPEN Complaint Process Modelling Environment and Process Modelling Components in Microsoft .NET
 - ⇒ Dr William M. Barrett Jr.
- ◆ 09:45 Experiences on implementing CAPE-OPEN components using the .NET framework
 - ⇒ Dr Lars von Wedel
- ◆ 10:05 End of session
- ◆ 10:10 Coffee break

distribution

. Net



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