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## **Training**

# **ANSAwise - Welcome [Sybase, to Tutorial on Distributed Systems Architecture and Standards]**

**Chris Mayers**

### **Abstract**

This is the 'welcome speech' to the 1-day tutorial on Distributed Systems Architecture and Standards. It gives the course roadmap and timetable.

This presentation is for the course as originally presented to Sybase on 8 September 1995.

[Note that this presentation includes the Sybase logo as a bitmap. There may be difficulty printing this on some printers.]

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**Draft**  
Briefing Note

6th September 1995

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**Distribution:**  
**Supersedes:**  
**Superseded by:**





**Welcome to**

***Tutorial on Distributed Systems Architecture and Standards***

**Chris Mayers (apm@ansa.co.uk)**



## About this tutorial

- *This is an introduction to open distributed systems technology*
  - *focused on key relevant standards*
- *It explains the main issues, the problems and the extent of current solutions, and the terminology you'll need to grasp*



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# Timetable

Module
<i>Welcome</i>
Introduction to CORBA and DCE
Objects in Distributed Systems
<i>Break</i>
DCE Distributed Services
Specifying Services in CORBA IDL
<i>Lunch</i>
Open Session 1
Open Session 2
<i>Break</i>
Open Session 3
<i>Close</i>



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## Structure of the tutorial - morning/1

- ***Introduction to CORBA and DCE***
  - what is the Object Management Group's Common Object Request Broker Architecture?
  - what is the Open Software Foundation's Distributed Computing Environment?
  - what are the components of the CORBA Object Management Architecture?
  - how is interoperability achieved in CORBA and DCE?
- ***Objects for Distributed Systems***
  - what are the characteristics of objects?
  - how do these characteristics differ in distributed systems?
  - what new concepts arise?



## Structure of the tutorial - morning/2

- ***DCE Distributed Services***
  - what distributed services does the OSF's DCE provide?
  - what are their strengths and weaknesses?
- ***Specifying Services in CORBA IDL***
  - what does the CORBA Interface Definition Language look like?
  - how is CORBA IDL intended to be used?



## Structure of the tutorial - afternoon

- *Sessions of your choice, possibly covering...*
  - CORBA Object Services
  - Other standards in distributed systems
  - Products and markets
  - Case studies
  
- *... or other topics that you wish*





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**Enjoy the tutorial!**

- *... and ask questions whenever you wish*

