

## **S4 : Inventory of Course Documentation 1994**

### **Administration**

Timetable  
Assignment  
Towards a Bibliography  
Inventory of Documents

### **Documentation of General Methods and Tools**

(those with \* are on the WWW locally)

Introduction to the Definitive World\*  
Quick Guide to Donald\*  
Summary of the Eden Language\*  
Eden Handbook\*  
Scout — a Definitive Notation for Describing Screen Layout\*  
A Note on the Abstract Definitive Machine\*  
Getting Started with Donald  
Tutorial on Scout-Donald-Eden  
Addendum (short guide to the AM)  
Execution of ADM  
Supplementary exercises on Donald, Scout, Eden

### **Documentation of Case Studies**

LSD Specification for Vehicle Cruise Control  
Vehicle Cruise Control in Eden  
LSD of Railway Animation  
LSD of Telephone  
The Digital Watch (diagram and LSD extracts)  
The electronic cat flap

### **Course lectures and Seminars**

Lecture M1: Overview and Introduction  
Lecture M2: Introduction to Definitive Notations  
Lecture M3: Introduction to Eden Programming  
Lecture T1: Visualisation and Concurrent Systems Modelling  
Lecture T2: An Introduction to Scout  
Lecture W1: Agent-oriented Modelling and Simulation for Discrete Event Systems  
Lecture W2: The LSD Notation for Agent Specification  
Lecture Th1: The Abstract Definitive Machine  
Lecture Th2: Observations, Continuity and Events  
Lecture F1: Extensions and Issues for LSD and Eden

Seminar M: Empirical Modelling from a Programming Perspective  
Seminar T: Programming as Modelling  
Seminar W: Foundations of Programming  
Seminar Th: Empirical Modelling of Concurrent Systems

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### **Papers and reports (Warwick authors)**

Beynon, Slade, Yung: Parallel Computation in Definitive Models (RR127)  
Beynon, Norris, Orr and Slade: Definitive Specification of Concurrent Systems  
Beynon: New Paths for Programming  
Beynon : Agent-oriented Modelling and the Explanation of Behaviour  
Beynon, Russ: Empirical Modelling of Requirements

### **Papers and reports (other authors)**

Baldwin: Why we can't program Multiprocessors etc.  
Booch: Object Oriented Development  
Brooks: No Silver Bullet  
Deutsch: Enhancing Testability with Scenario-oriented Engineering  
Harel: Biting the Silver Bullet  
Harel: On Visual Formalisms (extract only)  
Smith: Two Lessons of Logic

### **Miscellaneous supporting documents**

One Day in Severn Video (1 sheet)  
Baldwin's thoughts on Parallel programming ( 1 sheet)  
Definitive methods for Programming and Parallelism  
Addendum (principal features of the AM)  
Potential MSc Projects involving parallelism  
Issues for the Railway Disaster Exercises  
Historic Railway Accidents  
LSD of railway animation (1 sheet)  
LSD of telephone (1 sheet)  
Script of roomviewer.s  
Script of room.d  
ttt.adm etc.  
tank.e, tank.disp.e  
sy.sim, wmb.signals