

Concurrent Programming In VISO

Al-Mulhem, M

C S R E A PRESS, INTERNATIONAL CONFERENCE ON PARALLEL AND
DISTRIBUTED PROCESSING

TECHNIQUES AND APPLICATIONS, VOLS I-IV, PROCEEDINGS; pp: 131-134; Vol: ##

King Fahd University of Petroleum & Minerals

<http://www.kfupm.edu.sa>

Summary

Visual Occam (VISO) is a visual programming language for concurrent programming. It has a graphical syntax: based on the language Occam and its semantics is represented in, petri net. Concurrent programming in VISO language uses modular visual approach. Concurrent programs are specified graphically at different levels of abstractions starting with the processes specification. This approach simplifies the specification, of concurrent programs and programming in general. This paper describes the modular visual approach used by VISO to construct concurrent programs.

References:

1. ALMULHEM M, 1994, 7 INT C PAR DIST COM, P746
2. ALMULHEM M, 1997, COMPUT LANG, V23, P1
3. KRAMER J, 1989, COMPUTER, V22, P53
4. MAGEE J, 1993, SOFTWARE ENG J, V8, P73
5. MARIO R, 1993, SOFTWARE ENG J, V8, P83
6. POUG M, 1991, COMPUT J, V34, P320
7. STOTTS PD, 1988, P 21 HAW INT C SCI S, P630
8. STOTTS PD, 1988, P IEEE 1988 WORKSH V, P168
9. STOTTS PD, 1988, P INT C PAR PROC, P72
10. STOTTS PD, 1990, VISUAL LANGUAGES VIS, P119

For pre-prints please write to: abstracts@kfupm.edu.sa