Press release

PRAGMADEV
real time development tools

PragmaDev announces UML support in Real Time Developer Studio V2.0 pre-release.

Paris - France - April 1st, 2003 - *PragmaDev* announces UML support in *Real Time Developer Studio* V2.0 pre-release, the latest release of the first commercial off the shelf tool based on SDL-RT and UML graphical languages to develop real time and embedded software. A pre-launch special offer will grant any order received in April 2003 with **a free extra license**.

Real Time Developer Studio targets all development teams working with a Real Time Operating System. It is based on graphical representations of traditional concepts used in real time domain without leaving behind legacy code and years of experience. Its pragmatic approach and low price makes it a good candidate to be widely spread in a market where 90% of the developments projects use no graphical tools.

Real Time Developer Studio V2.0 introduces:

- **UML class diagram**
  UML class diagram shows relations between classes in the system. Active classes (RTOS tasks) and passive classes (C++ objects) are represented with pre-defined graphics. RTDS generates C++ stubs out of the passive classes representation.

- **UML deployment diagram**
  UML deployment diagram shows the physical configuration of run-time processing elements of a distributed system. Generation profiles are associated to components and inter-components communication mechanism is automatically handled.

- **UML use case diagram**
  A use case diagram shows the relationship among actors and use cases within a system.

- **OSE support**
  Generated code out of an SDL-RT system can now directly run on OSE RTOS; the RTOS of choice in the telecommunication industry.

- **XRAY integration**
  Graphical debugging at SDL-RT level and live MSC traces is now possible when debugging with XRAY on Windows.

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About PragmaDev

PragmaDev is a privately held company based in Paris France that provides a set of tools for the development of real time and embedded software: *Real Time Developer Studio*.

Real Time Developer Studio technology was one of the winners of the 2001 edition of the national competition on innovative technologies organized by the French ministry of research.

PragmaDev is an Altium, Atos Origin, CMX Systems, OSE, OSS Nokalva, Mentor Graphics, Sun Microsystems and Wind River Systems active partner.

About SDL-RT

SDL-RT (Specification and Description Language - Real Time) is the real time extension to well known SDL (Specification and Description Language) standardized by ITU (International Telecommunication Union). It introduces the missing concepts to SDL such as semaphores manipulations and embedded C language gathering the original languages benefits:

- **Graphical representations**
- **Object orientation**
- **Precision**

Version 2.0 introduces UML (Unified Modeling Language) support.

SDL-RT is free and available on http://www.sdl-rt.org.

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