# Press release

**PRAGMADEV**
real time development tools

# PragmaDev announces RTDS V3.4, the new release of its model driven development tool dedicated to real time and embedded software.

**Paris - France - February 20th, 2008 -** *PragmaDev* launches *RTDS V3.4*, the new release of its model driven development tool dedicated to real time and embedded software based on International Telecommunication Union **SDL** and on Object Management Group **UML** standards.

Real Time Developer Studio 3.4 introduces 30 new features making it the most complete model driven development tool dedicated to real time and embedded applications supporting C, C++, SDL, SDL-RT, and UML in a single environment.

Among the main new features are:

- **C code generation from SDL Z.100**
  Based on its efficient C code generator out of SDL-RT, RTDS can automatically generate the full C code with RTOS integrations from an SDL Z.100 system. An SDL system can be implemented on target after being simulated and validated on host.

- **Nucleus integration**
  The generated C code out of SDL or SDL-RT is now natively integrated with Nucleus real time operating system.

- **OSE 5.2 integration**
  The generated C code out of SDL or SDL-RT is now integrated with the latest release of OSE Delta real time operating system.

- **Model checking**
  SDL systems can now be exported to IF format in order to run model checking tools such as the IFx tool box from Verimag Labs. An integrated hook allows to check the model and print an MSC (Sequence Diagram) of the scenario that lead to an error with one click.

- **Traceability information**
  Traceability information can be added to any element in the Project file and a utility to export to Reqtify traceability management tool is integrated in the distribution. Reqtify is the most effective solution on the market for project teams, able to capture requirements from any kind of source and easy to use for traceability and impact analysis. Reqtify offers traceability links with MS Word, MS Excel, UML and SysML modeling tools, as well as other traceability tools.

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## About PragmaDev

*PragmaDev* is a fast growing privately held company based in Paris France that provides a set of model driven tools dedicated to 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.

Customers include Airbus, Alcatel, Thomson, the French Army, Nortel Networks, Korean Telecom, ESA, Toshiba,  and LG Electronics.

## About SDL

SDL (Specification and Description Language) is standardized by ITU (International Telecommunication Union) as Z.100 to specify telecommunication protocols.

SDL can be found on http://www.itu.int.

## About SDL-RT

SDL-RT (Specification and Description Language - Real Time) is the real time extension to SDL integrated with  UML (Unified Modeling Language) concepts. It introduces in particular the missing concepts in SDL such as semaphores manipulations and embedded C language gathering the original languages benefits:

- **Graphical representations**
- **Object orientation**
- **Detailed behavior**

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

## Contact

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