Press release

PRAGMADEV
real time development tools

PragmaDev launches the next generation of SDL tool: RTDS G3.

Paris - France - October 20th, 2004 - *PragmaDev* launches *RTDS G3*, the next generation of tools based on SDL, the International Telecommunication Union (ITU-T) Z.100 standard used for more than 20 years to specify telecommunication protocols.

PragmaDev is inviting all existing SDL users and embedded software developers to consider its latest release: *Real Time Developer Studio* G3, the most complete and versatile software development tool for real time and embedded applications supporting C, C++, SDL, SDL-RT, and UML in one single environment.

Among the latest release main features are:

- **SDL import/export**
  RTDS G3 imports existing SDL'88, SDL'92, or SDL'96 files including the graphical layout based on CIF information.
  RTDS G3 can of course export the system as a standard SDL file to be run into any existing SDL tool : test generator, exhaustive simulator, model checker, code generator…

- **SDL simulator**
  RTDS G3 provides syntax and semantic check on your SDL design. As soon as your system is correct an integrated simulator allows to execute your system and verify its behavior.
  The RTDS SDL Simulator is a graphical SDL debugger allowing to :
  - View SDL system information,
  - Handle time with a discrete or a real time mode,
  - View local variables and watch remote variables,
  - Set graphical breakpoints and step graphically in the SDL description,
  - Execute uncomplete SDL systems,
  - Connect external tools and modules to interact with the simulated system.

- **Green Hills Software Multi V4 integration**
  RTDS SDL-RT debugger is now integrated with Multi V4, the latest release of the best-in-class cross compiler and cross-debugger from Green Hills Software. This integration allows graphical debugging on target as well as access to Multi low level debug features.

- **Localization**
  RTDS menus can be translated in any language. French, Korean, and Chinese translations are delivered in the standard distribution.

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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, Express Logic, Green Hills Software, Mentor Graphics, Enea Embedded, OSS Nokalva, Sun Microsystems and Wind River Systems active partner.

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. It introduces the missing concepts in 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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