

Latest version of ITU-T SDL standard to support C language.

Paris - France - October 23rd, 2012 - The International Telecommunication Union has officially standardized the support of the C language as a possible action language in SDL (Specification and Description Language). This initiative started by *PragmaDev* a decade ago has reached its conclusion the 16th of October 2012 when Appendix C of the Z.104 that describes the data types and action language of SDL modeling language has been adopted. PragmaDev team is very proud that its initiative around SDL-RT started in 2001 has finally turned out in a standardized extension of the language.

The SDL language (Specification and Description Language) has been re-organized since its 2010 version. Still in the Formal Description Techniques (FDT) category, SDL is now decomposed in different parts from Z.100 to Z.106:

- **Z.100: Overview,**
- **Z.101: Basics of the language,**
- **Z.102: The complete language,**
- **Z.103: The language extensions,**
- **Z.104: The data types and the action language,**
- **Z.105: ASN.1 data types support,**
- **Z.106: The exchange format.**

Z.104 describes the Abstract Data Types (ADT) and the action language that have been used in SDL for years such as in SDL'88 and SDL'92 that are still the most commonly used versions. Appendix C defines an alternative with the data types and the syntax of C language on the basis of ISO/IEC 9899 2011 version.

About PragmaDev

PragmaDev is a privately held company based in Paris France that provides since 2001 a set of model driven tools dedicated to the development and test of real time and embedded software: *Real Time Developer Studio*. Customers include Airbus, Alcatel, Renault, the French Army, Wipro, Thomson, ST-Ericsson, Korean Telecom, ESA, Toshiba, and LG Electronics.

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