RAPID

For other uses, see Rapid (disambiguation).

	RAPID
Designed by	ABB Group
Developer	ABB Group
First appeared	1994
Influenced by	
ARLA, C	

RAPID is a high-level programming language used to control ABB industrial robots. RAPID was introduced along with S4 Control System in 1994 by ABB, superseding the ARLA programming language.

Features in the language include:

- Routine parameters:
    - Procedures - used as a subprogram.
    - Functions - return a value of a specific type and are used as an argument of an instruction.
    - Trap routines - a means of responding to interrupts.
- Arithmetic and logical expressions
- Automatic error handling
- Modular programs
- Multi tasking