

Fujitsu Software BS2000 CRTE V11.1

The Common Run-Time Environment is a prerequisite software product for running source programs compiled with the COBOL2000, COBOL85 and C/C++ compilers. CRTE acts as the central interface between the objects generated by the compilers and the BS2000 operating system.

Topics

Product characteristic

CRTE (Common Run-Time Environment) V11.1 is the common runtime system for all variants of the compilers COBOL2000, COBOL85 and C/C++ released by Fujitsu for the BS2000 operating system.

CRTE includes language-specific and language-neutral libraries, routines for program linkage, mathematics, standardized event, and exception handling, as well as storage and I/O management. The header files of the C and C++ library functions are also part of CRTE.

CRTE is a software requirement for COBOL85, COBOL2000, C and C++ applications produced using the forementioned compiler versions, and for running the COBOL2000 compiler. CRTE is also a prerequisite for applications comprising a mix of different languages. CRTE V11.1 supports the



COBOL85, COBOL2000, C and C++ compilers as well as the associated applications also in POSIX. Most modules of the CRTE runtime system are shareable and can be preloaded as a subsystem.

CRTE is included in the BS2000 operating system for computers of the SE series. However, only the modules of the C/C++ runtime system are available, but not the COBOL-RTS.

Functional description

CRTE includes built-in functions and routines for linking programs via the communication interface of the Inter-Language Communication Services (ILCS). The C++ libraries also shipped with CRTE.

Most modules of the CRTE runtime system are shareable and can be preloaded as a subsystem. The generated /390 format guarantees object compatibility for running BS2000 customer applications, even in the event of future architecture change.

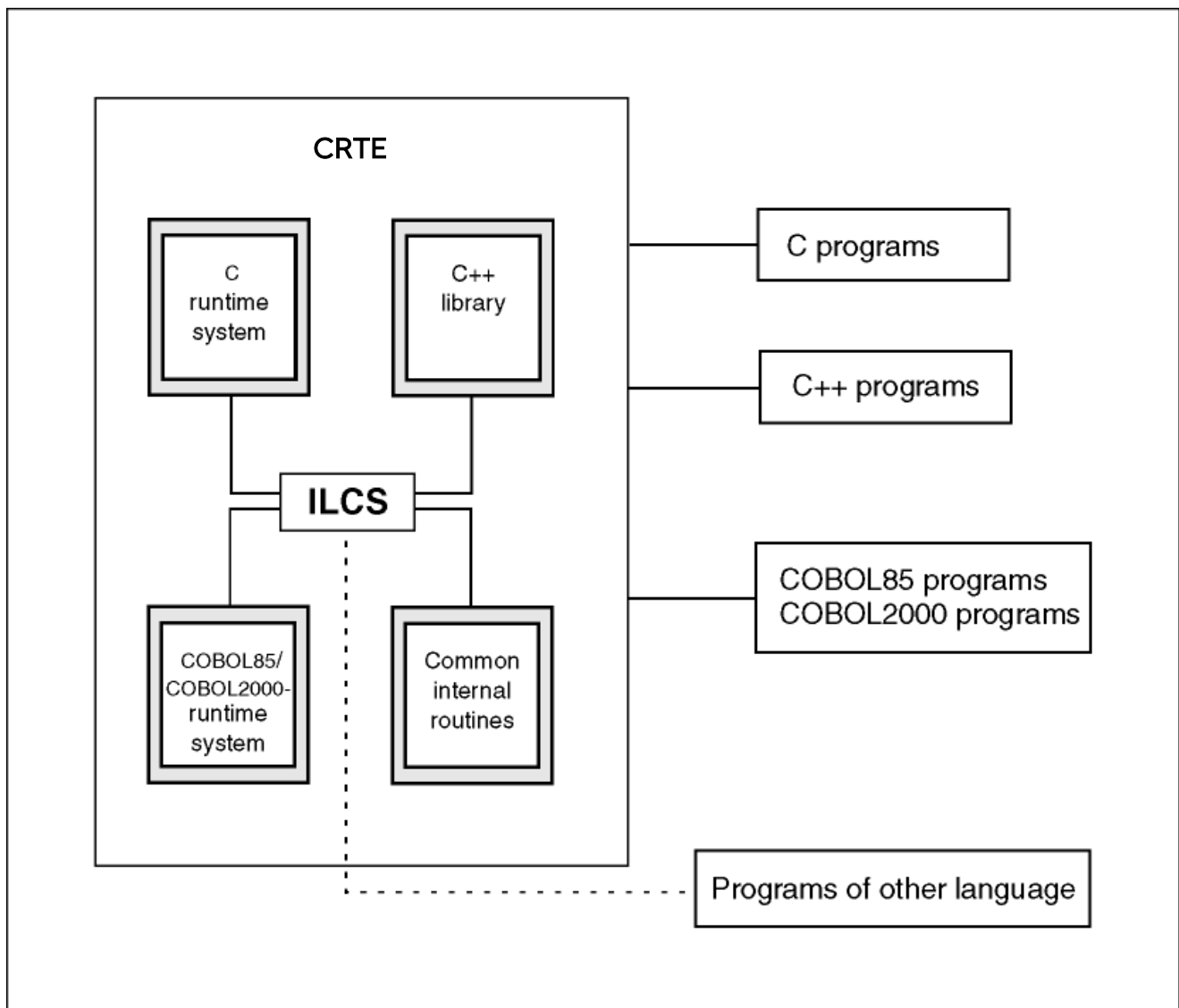
Program description

CRTE consists of the modules of the runtime systems for COBOL2000, COBOL85 and C/C++ and the language-neutral libraries. The header files of the C/C++ library functions are also part of CRTE.

Functional extension

With CRTE V11.0 for the first time SAM-Node-Files are supported. CRTE V11.0 allows the creation and modification of SAM-Node-Files as normal text file.

Produkt overview:



Technical Details

| Requirements | |
|---------------------------------|---|
| Technical Requirements Hardware | BS2000 Business Server |
| Technical Requirements Software | BS2000 OSD/BC V11.0, OSD/XC V11.0 |
| User Requirements | Knowledge of C/C++, COBOL and BS2000 |
| Installation | |
| Operating Mode | Batch and interactive dialog |
| Implementation Language | C/C++, SPL4 and Assembler |
| User Interface | Messages in English or German |
| Installation | Please refer to the relevant release notices. |
| Documentation and Training | |
| Documentation | User guide for CRTE Reference manual for C library functions in BS2000 Reference manual for C library functions for POSIX applications Documentation available in English only: User's Guide and Reference for Standard C++ Library Functions (ANSI-C++ mode) User's Guide for Tools.h++ © Class Reference for Tools.h++ © Tools.h++ Copyright © Rogue Wave Software, Inc. These manuals are available on the manual server . |
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