

Fujitsu Software BS2000 CRTE V21.0

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 operating system Fujitsu Software BS2000 OS DX.

Topics

Product characteristic

CRTE (Common Run-Time Environment) V21.0 is the common runtime system for all variants of the compilers COBOL2000, COBOL85 and C/C++ released by Fujitsu for Fujitsu Software BS2000 OS DX from version V1.0.

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 V21.0 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 also included in the OS DX operating system package for computers of the SE series.

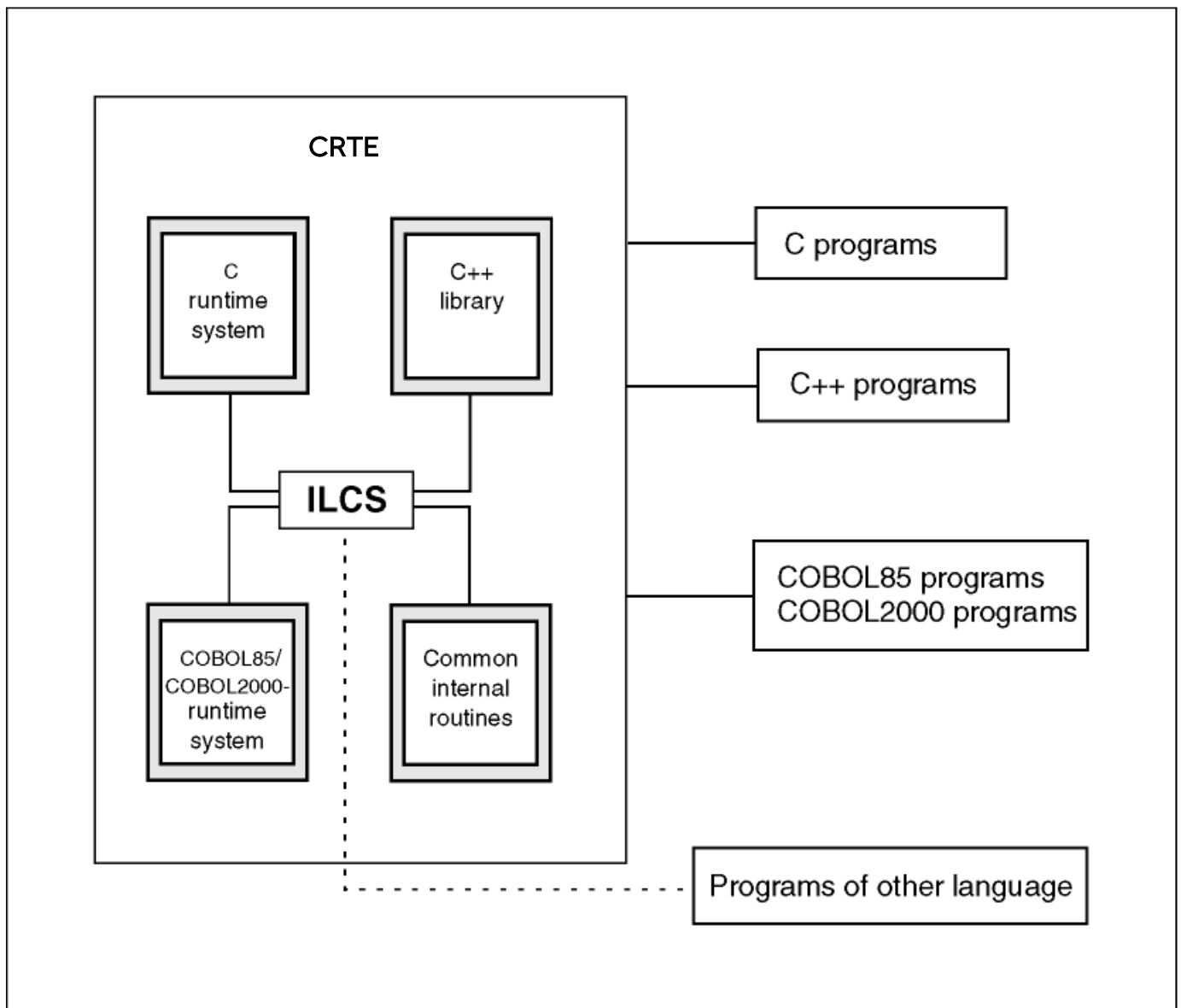
Functional description

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.

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. 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.

Product overview:



Technical Details

Requirements	
Technical Requirements Hardware	BS2000 Business Server
Technical Requirements Software	BS2000 OS X V1.0
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	<p>User guide for CRTE</p> <p>Reference manual for C library functions in BS2000</p> <p>Reference manual for C library functions for POSIX applications</p> <p>Documentation available in English only:</p> <p>User's Guide and Reference for Standard C++ Library Functions (ANSI-C++ mode)</p> <p>User's Guide for Tools.h++ ©</p> <p>Class Reference for Tools.h++ ©</p> <p>Tools.h++ Copyright © Rogue Wave Software, Inc.</p> <p>These manuals are available on the manual server.</p>
Training	See course offer (German only)
Purchase and Delivery	
Conditions	This software product is provided to customers under the terms and conditions for the use of software products in return for ongoing or one-time payment.
Order and Delivery	This software product may be obtained from your local Fujitsu regional office.

Fujitsu Platform Solutions

In addition to Fujitsu Software BS2000, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio Built on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions, and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offerings. This allows customers to select from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products
www.fujitsu.com/global/products/computing/

Software
www.fujitsu.com/software/

More Information

Learn more about Fujitsu Software BS2000, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

www.fujitsu.com/emeia/bs2000

Fujitsu Green Policy Innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at <https://www.fujitsu.com/global/about/environment>



Copyright

© Copyright 2022 Fujitsu Limited

All rights reserved, including intellectual property rights. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see www.fujitsu.com/global/about/resources/terms/

Disclaimer

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

Contact

Fujitsu
BS2000 Services
Email: bs2000services@fujitsu.com
Website: www.fujitsu.com/emeia/bs2000
2022-05-20 EM EN

© Fujitsu 2022. All rights reserved. Fujitsu and Fujitsu logo are trademarks of Fujitsu Limited registered in many jurisdictions worldwide. Other product, service and company names mentioned herein may be trademarks of Fujitsu or other companies. This document is current as of the initial date of publication and subject to be changed by Fujitsu without notice. This material is provided for information purposes only and Fujitsu assumes no liability related to its use.