

CA SymDump® CICS

Release Notes

Release 9.1.00



Third Edition

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CA Technologies Product References

This document references the following CA Technologies products:

- CA SymDump® Batch
- CA SymDump® for CICS
- CA SymDump® System

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Chapter 1: New Features

This section contains the following topics:

[Support for Multiple Program Versions in a Single PROTSYM](#) (see page 7)

[PROTSYM Space Utilization Monitoring](#) (see page 7)

Support for Multiple Program Versions in a Single PROTSYM

Version 9.1 PROTSYM files can now contain multiple versions of the same program. When running reports or displaying the PROTSYM programs on a screen or window, duplicate program versions will be displayed in the descending order of compile date/time (newest to oldest). There are no JCL or control statement syntax changes required to the individual language post-processing programs or the IN25UTIL program. However, new IN25UTIL parameters are provided for the DELETE, PRINT, RELOAD, and UNLOAD commands to request which program versions are to be processed. For more information about the new IN25UTIL parameters, see the section IN25UTIL in the chapter "Maintaining a PROTSYM file" in the Symbolic Guide.

Version 9.1 supports older versions of a PROTSYM file, but they are limited to only contain a single program version. Versions 8.5 and 9.0 will support 9.1 multiple program version PROTSYM files. However, only the most current version of a program is supported and older program versions will be ignored.

PROTSYM Space Utilization Monitoring

You can now set a threshold for used space in the symbolic file. When you reach the threshold by adding more programs, you receive a warning message that indicates what percentage of the space is used. Set the threshold by specifying the USEDSPACEMSG parameter with the INITIALIZE or UPDATE functions of IN25UTIL.

Chapter 2: Enhancements to Existing Features

This section contains the following topics:

- [CICS 5.2 Support](#) (see page 9)
- [Improved Installation Process](#) (see page 9)
- [Dump Capture Performance](#) (see page 10)
- [Source Listing Display Enhancement](#) (see page 10)
- [Support for COBOL 5.2](#) (see page 10)
- [Batch Dump Print Program \(IN25PDMP\)](#) (see page 10)

CICS 5.2 Support

CA SymDump for CICS fully supports the new CICS TS 5.2 release and the debugging of public program versions.

Debugging of private program versions in a CICS TS 5.2 region, which are implemented through the new CICS TS Application Bundling feature of CICS Explorer, is not supported at this time. If you require support for the debugging of private program versions in a CICS TS 5.2 region, contact CA Support to reach our CA InterTest Product Management team for a status update on private program support.

Improved Installation Process

CA SymDump for CICS now supports a reduced number of FMIDs, and distribution and target libraries for all CICS release dependent elements.

With the new reduced FMID implementation, the product support team can provide support for a new CICS transaction server more easily, thus eliminating many of the tasks that were previously required to support and maintain a new or multiple CICS transaction server releases. This change reduces the number of CICS dependent FMIDs for previous releases of CA InterTest for CICS and CA SymDump for CICS from 18 FMIDs to only three FMIDs.

If you plan to use CA InterTest for CICS and CA SymDump for CICS in the same CICS region, both products must be running release 9.1. You cannot mix InterTest for CICS r9.1 with older releases of CA SymDump for CICS in the same CICS region.

Dump Capture Performance

The CA SymDump for CICS dump capture processing has been modified to reduce the dependency on the CICS QR TCB when performing a transaction dump capture. This change has a positive impact on the QR TCB availability for all CICS regions, especially for CICS regions which experience a high volume of CICS transaction dumps. This has been accomplished by moving a significant portion of the dump capture workload to OTE TCB's, freeing up the QR TCB for normal CICS application workloads during dump capture event(s). If you are running SymDump for CICS 9.1 on a CICS Transaction Server release earlier than 5.1, you may need to increase the value of your MAXOPENTCB SIT parameter. For CICS regions which run small workloads, we recommend a minimum value of 64 and for CICS regions with large workloads, you may want to make MAXOPENTCB's the same value as MXT.

Source Listing Display Enhancement

The info area was introduced to the Source Listing Display screen to show the Register, Program, Keep and Titles windows. The new Program window shows you the name of the composite load module that you analyze.

Support for COBOL 5.2

The application now supports COBOL 5.2.

Batch Dump Print Program (IN25PDMP)

The CA SymDump for CICS batch print program IN25PDMP has been replaced with multiple CICS release dependent programs. The program names are IN##PDMP where ## indicates a two digit number that represents the CICS release. If you have existing JCL which references program IN25PDMP from earlier releases of CA SymDump for CICS, change the program name when printing dumps captured by CA SymDump for CICS Release 9.1.00.

Sample JCL for program IN##PDMP can be found in CAI.CABAJCL member SYMPDMP. Customize this member using the instructions provided at the top.

Appendix A: Third-party Acknowledgements

CA SymDump for CICS includes software developed by third-party software providers. This appendix provides information regarding these third-party software providers.

This section contains the following topics:

[Eclipse](#) (see page 11)

[Eclipse Plug-Ins](#) (see page 11)

Eclipse

This product contains Eclipse Rich Client Platform 4.2.2 (the Eclipse Product). Use of the Eclipse Product is in accordance with the Eclipse Public License 1.0. The source code for Eclipse Product may be found at <http://www.eclipse.org/downloads/> or <http://opensrcd.ca.com>.

Eclipse Plug-Ins

This section contains the following topics:

- [EPL Plug-ins](#) (see page 11)
- [CPL Plug-ins](#) (see page 11)
- [Apache Plug-ins](#) (see page 12)

EPL Plug-Ins

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