

Implementation Class Information

Implementation Class Category: *Maintenance*

Processor Identification: *DDC-I SCORE Sun/Solaris Ada Compiler System, Version 2.2 for 80x86*

Host Systems: *Sun SPARC running Solaris 2.5.1 or later*

Target Systems: *Intel 80386 or later (including compatibles)*

Representative Processor and Configuration Tested:

Host System: *UltraSPARC5 running Solaris 2.7*

Target System: *Acer Acros Pentium 3, 166MHz (bare)*

ACATS Version Used for Testing Representative Processor:
ACATS 2.4 (VCS label A2_4D)

Client Certification of Testing and Processor Derivation:

I, the undersigned, representing the Client, certify that the above identified representative processor was tested on the described configuration with the customized ACATS version described above, including the code modifications and implementation-defined substitution values that were used in the conformity assessment leading to the certificate named in this Supplement, with modifications described in this Supplement, and that the testing results were the same as those obtained in that conformity assessment, with exceptions as described in this Supplement. I further declare that the Client knows of no deliberate deviations from the Ada language standard (ANSI/ISO/IEC 8652:1995) as corrected by Technical Corrigendum 1 (ISO/IEC 8652:1995/Cor.1:2001) in the identified representative processor above. I further certify that the above-identified representative processor and configuration meets the definition of base, maintained, or rehosted implementation (as described in the Operating Procedures for Ada Conformity Assessment).

Erik Jensen

Date

Maintenance Changes:

Various corrective and perfective changes has been performed with the most significant for the ACATS being:

- *Corrections to meet Technical Corrigendum 1 of the Ada Reference Manual,*
- *Improvements of a number of error messages.*

ACATS Modifications:

Apart from the ACAA changes to ACATS from version 2.2H to 2.4D, the following modification was made:

- *In the support file `macro.dfs` the macro `FIELD_LAST` was changed from the value 255 to 511. This change affects only a single test: `ce3002c`.*

The following allowable modifications in ACATS 2.4 (VCS label A2_4D) were used:

c490001

c490002

(See ACATR EDS19991203DDC02-2.2 for the allowable modifications used in the original assessment.)

Test Results Differences:

There are no test result differences except the obvious ones:

- *Test results for tests that have been added to ACATS,*
- *The ACATS version number printed on execution logs,*
- *Changed error message wordings.*

Of the tests added to the suite between ACATS 2.2 (VCS label A2_2H) and ACATS 2.4 (VCS label A2_4D), none were graded as inapplicable or unsupported.

ACAL Review:

The Electronic Data Systems (EDS) Ada Conformity Assessment Laboratory reviewed the results submitted by DDC-I A/S, as described in this Supplement, and has confirmed that all test results submitted are equivalent to those produced by the reference processor.

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