



The University of Arizona

Department of Computer Science
Tucson, Arizona 85721

Implementations of SNOBOL4

Compiled by Ralph E. Griswold

SNOBOL4, in one form or another, is available for many computers. This document lists the sources of these implementations. No guarantee is made that this information is accurate; in some cases, distribution may no longer be supported or individuals may have moved.

In some cases there are charges involved. These may be nominal distribution charges or substantial fees for the leasing or purchase of proprietary systems. It is advisable to inquire in advance about such matters.

In the list that follows, the designation `SNOBOL4` refers to implementations based on the machine-independent macro (SIL) version of SNOBOL4. These implementations generally support the full SNOBOL4 language. Other implementations are designated by the names assigned to them by their implementors. Some of these implementations depart substantially from the standard SNOBOL4 language — the variations range from significant subsetting to substantial extensions. See the references.

The machine-independent source code for `SNOBOL4` and `SNOBOL4` for the IBM 360/370 operating under OS are available from The University of Arizona. See the forms at the end of this document.

Apollo DN300/DN3000

Spitbol-68k: Catspaw, Inc.
P.O. Box 1123
Salida, Colorado 81201
(303) 539-3884

Apple Macintosh

SNOBOL4: Kim Leeper
Technical Director
Giedrys Enterprises
10 Rudloe Road
Balham, London Sw12 0DS
United Kingdom

ATT&T 7300 and 3B1

Spitbol-68k: Catspaw, Inc.
P.O. Box 1123
Salida, Colorado 81201
(303) 539-3884

Burroughs B6700 / B7600

SNOBOL4: Education and Research Computing Center
Attention; C.U.B.E. Library
U.S. Air Force Academy
Colorado 80840

CDC 3300

SNOBOL4: Control Data Corporation
Software Manufacturing and Distribution
(FOCUS User Group)
215 Moffett Park Drive
Sunnyvale, California 94086

CDC Cyber / 6000 Series

NOS/BE Operating System:

SNOBOL4: Control Data Corporation
Software Manufacturing and Distribution
(VIM User Group)
215 Moffett Park Drive
Sunnyvale, California 94086

Note: there are two versions, one by
Purdue University and one by the
University of Colorado.

CAL Snobol: Andrew Mickel
University Computer Center
227 Experimental Engineering Building
208 Union Street, S. E.
University of Minnesota
Minneapolis, Minnesota 55455

Macro Spitbol: David Shields
SPITBOL Project
CIMS - 251 Mercer Street
New York University
New York, New York 10012
(212) 460-7168

KRONOS/NOS Operating System:

SNOBOL4: Scott L. Ksander
ETA Systems Inc.
1450 Energy Park Drive
P.O. Box 80009
St. Paul, Minnesota 55108

SNOBOLX: Scott L. Ksander
ETA Systems Inc.
1450 Energy Park Drive
P.O. Box 80009
St. Paul, Minnesota 55108

CAL Snobol: Andrew Mickel
University Computer Center
227 Experimental Engineering Building
208 Union Street, S. E.
University of Minnesota
Minneapolis, Minnesota 55455

Macro Spitbol: David Shields
SPITBOL Project
CIMS - 251 Mercer Street
New York University
New York, New York 10012
(212) 460-7168

C.I.I. Iris 50

SNOBOL4: O. Lecarme
Universite de Nice
Laboratoire D'Informatique
Parc Valrose
06034 Nice Cedex
France

DEC-10 and DEC-20

SNOBOL4: Angela J. Cossette
Executive Director
DECUS
Maynard, Massachusetts 01754

SITBOL: Leslie Maltz
Director, Computer Center
Stevens Institute of Technology
Castle Point Station
Hoboken, New Jersey 07030

Macro Spitbol: A. P. McCann
Department of Computer Studies
The University of Leeds
Leeds LS2 9JT
England

DEC PDP-11

Macro Spitbol: Dewar Information Systems Corporation
9901 Derby Lane
Westchester, IL 60153
(312) 344-1025

DEC VAX-11

VMS Operating System:

SNOBOL4: Wendell Turner
System Development Corporation
Mail Drop 41-09
2400 Colorado Avenue
Santa Monica, California 90406-9988
(213) 829-7511 x6341

Macro Spitbol: Dewar Information Systems Corporation
9901 Derby Lane
Westchester, IL 60153
(312) 344-1025

UNIX Operating System:

Macro Spitbol: Dewar Information Systems Corporation
9901 Derby Lane
Westchester, IL 60153
(312) 344-1025

Honeywell L66/DPS8 Series

GCOS Operating System:

SNOBOL4: HLSUA Library
Honeywell Information Systems, Inc.
P.O. Box 6000
Phoenix, Arizona 85005

SNOBOLX: HLSUA Library
Honeywell Information Systems, Inc.
P.O. Box 6000
Phoenix, Arizona 85005

Macro Spitbol: Peter Fraser
Software Development Group
University of Waterloo
Waterloo, Ontario N2L 3G1
Canada

CP-6 Operating System:

Macro Spitbol: Andrew Gullen and Jim des Rivieres
Computing Services
Carleton University
Ottawa, Ontario K1S 586
Canada

Multics Operating System:

SNOBOL4: Stephen T. Kent
Laboratory for Computer Science
M.I.T.
Room 508
545 Technology Square
Cambridge, Massachusetts 02139

IBM 360/370

VM/370 CMS Operating System:

SNOBOL4: Sandra Ward
Computing Centre
University of Ontario
Waterloo, Ontario
Canada N2L 3G1

OS/VMS Operating System:

SNOBOL4: SNOBOL4 Project
Department of Computer Science
University Computer Center
The University of Arizona
Tucson, Arizona 85721
(602) 621-6609

SPITBOL: SPITBOL 370
Dewar Information Systems Corporation
9901 Derby Lane
Westchester, IL 60153
(312) 344-1025

IBM PC/XT/AT

MS-DOS:

SNOBOL4: Minnesota SNOBOL4
P.O. Box 441
Millwood, New York 10546
(914) 271-5855

SNOBOL4+: Catspaw, Inc.
P.O. Box 1123
Salida, Colorado 81201
(303) 539-3884

Macro Spitbol: Robert B. K. Dewar
SPITBOL Orders
73 5th Ave.
New York, New York 10003
(602) 621-6609

ICL 1900 Series

Macro Spitbol: A. P. McCann
Department of Computer Studies
The University of Leeds
Leeds LS2 9JT
England

ICL 2900

SNOBOL4: M. J. Garside
Computing Laboratory
Cornwallis Building
University of Kent at Canterbury
Kent CT2 7N2
England

NCR Tower XP and Tower 32

Spitbol-68k: Catspaw, Inc.
P.O. Box 1123
Salida, Colorado 81201
(303) 539-3884

PRIME 450/550/650

SNOBOL4: PRIME Computer Inc.
Prime Park, MS 15-45
Natick, Massachusetts 01760
Attn: User Group Coordinator

Macro Spitbol:A. P. McCann
Department of Computer Studies
The University of Leeds
Leeds LS2 9JT
England

Sun Workstation 2 and 3

Spitbol-68k: Catspaw, Inc.
P.O. Box 1123
Salida, Colorado 81201
(303) 539-3884

UNISYS 5000/70

Spitbol-68k: Catspaw, Inc.
P.O. Box 1123
Salida, Colorado 81201
(303) 539-3884

References

SNOBOL4: Griswold, Ralph E.; Poage, James F.; and Polonsky, Ivan P. *The SNOBOL4 Programming Language*. Second Edition. Prentice-Hall, Inc. Englewood Cliffs, New Jersey. 1971.

SNOBOL4+: Emmer, Mark B. *SNOBOL4+; The SNOBOL4 Language for Personal Computer Use*. Prentice-Hall, Inc. Englewood Cliffs, New Jersey. 1985.

SPITBOL: Dewar, Robert B. K. *SPITBOL Version 2.0*. Illinois Institute of Technology, Chicago, Illinois. 1971.

Macro Spitbol: Dewar, Robert B. K. and McCann, Anthony P. "MACRO SPITBOL — A SNOBOL4 Compiler", *Software — Practice and Experience*, Vol. 7 (1977). pp. 95-113.

Spitbol-68k: Dewar, Robert B. K. and Emmer, Mark B. *SPITBOL-68K Version 3.6, Release 2; Macro SPITBOL for 68000-Family UNIX Systems — Program Reference Manual*. Catspaw, Inc., Salida, Colorado. 1987. 79 pages.

SNOBOLX: Griswold, Ralph E. "Suggested Revisions and Additions to the Syntax and Control Mechanisms of SNOBOL4", *SIGPLAN Notices*, Vol. 9, No. 2 (February 1974). pp. 7-23.

Order for the SIL (Macro) Source Code for SNOBOL4

The source code for the original SIL (macro) implementation of SNOBOL4 is available on a 2S/DD 5-1/4" diskette in MS-DOS format or on a magnetic tape. Tapes are unlabelled, 9-track and written at 1600 bpi in fixed-block format with a blocking factor of 10 (800-character physical records). Both EBCDIC and ASCII encoding are available.

Hardcopy documentation describing how to implement the system is included.

The charges below cover parcel-post delivery to addresses in the United States, Canada, and Mexico and by surface mail to the rest of the world. Overseas surface mail may take a very long time. Air delivery overseas is available for an additional charge of \$20 for tape orders and \$15 for diskette orders.

Payment *must* be made in U.S. dollars and drawn on a bank in the United States. Orders should be prepaid. There is a \$5 service charge for processing purchase orders that are not prepaid.

diskette	\$25	_____
ASCII tape	\$40	_____
EBCDIC tape	\$40	_____
other charges (see above)		_____
total		_____

Ship to:

name _____

address _____

telephone _____

Return this form to:

SNOBOL4 Project
Department of Computer Science
The University of Arizona
Tucson, Arizona 85721
U.S.A.

Order for IBM 360/370 Implementation of SIL (Macro) SNOBOL4

The IBM 360/370 implementation of the SIL implementation of SNOBOL4 is available on magnetic tape, written at 1600 bpi in IBM standard labeled format. Installation instructions are included.

There is a \$30 charge for media, handling, and shipping. The charges for overseas shipping and requirements for payment are the same as those given on the order form for source code.

tape	\$30	_____
other charges		_____
total		_____

Ship to:

name _____

address _____

telephone _____

Return this form to:

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Department of Computer Science
The University of Arizona
Tucson, Arizona 85721
U.S.A.