SETL Newsletter #40

LIST OF NEWSLETTERS 1-40

1. BALM-SETL - a simple implementation of SETL. M.C. Harrison.
2. No longer available.
3. (Modifications and extensions for SETL.)(Part 1)
4. APL Version of Peter Markstein's McKeeman Table Routine.
5. Miscellaneous algorithms written in SETL. J.T. Schwartz.
6. (Revised SETL Version of McKeeman Parse.) Peter Markstein.
7. (Modifications and extensions for SETL.)(Part 2) Dave Shields.
8. Additional Miscellaneous SETL Algorithms. J.T. Schwartz.
9. Implementation and Language Design. M.C. Harrison.
10. Sorting Algorithm. Kurt Maly.
11. (Modifications and extensions for SETL.)(Part 3) Dave Shields.
12. Recapitulation of the Basic Parts of the SETL Language. J.T. Schwartz.
13. Additional miscellaneous algorithms. J.T. Schwartz.
14. Additional syntactic extensions (not recorded in revised version of SETL paper). J.T. Schwartz.
15. A proposed SETL implementation plan through the end of the bootstrap phase. J.T. Schwartz.
16. SETL 64-character set - 48-character set/ 026 keypuncher - CDC6600 64-character set/ 029 keypuncher. Kurt Maly.
17. No longer available.
18. Preliminary specification of BALMSETL conventions. D. Shields.
19. Lexical Description of SETL. Kurt Maly.
20. BALMSETL User's Guide (in brief). D. Shields.
21. An Outside Review: Comments on the SETL Draft.
22. Some small and large language extensions for consideration. J.T. Schwartz.
23. Current Status of BALMSETL Implementation. D. Shields.
24. Description of a Register Allocation Algorithm. K. Kennedy.
25. Print Routine. B. Loerinc.
26. The currently specified form of SETL from a more fundamental point of view. J.T. Schwartz.
27. Code for the Postparse Setup Procedure (Postparse metalanguage analysis). J.T. Schwartz.
28. An Algorithm for Common Subexpression Elimination and Code Motion. K. Kennedy.

29. Some issues connected with subroutine linkage. J.T. Schwartz.
30. Sinister calls. J.T. Schwartz.
31. An additional preliminary remark on the importance of "object types" for SETL, with some reflections on the notion of "data structure language." J.T. Schwartz.
32. Hyper-SETL procedural languages. J.T. Schwartz.
33. What is Programming? J.T. Schwartz.
34. Syntax revisions in preparation for implementation. J.T. Schwartz.
35. New form for IFF-statement. Dave Shields.
36. Syntactic and semantic conventions for programmer-definable object types. J.T. Schwartz.
37. Initial description of an algorithm for use-definition chaining in optimisation. P. Owens, K. Kennedy.
38. Algorithm for live-dead analysis including node-splitting for irreducible program graphs. K. Kennedy.
39. More detailed suggestions concerning 'data strategy' elaborations for SETL.
40. List of Newsletters 1-40.
41. Additional planning detail for the current and next phase of SETL implementation. J.T. Schwartz.