

```

// SYNCHRONISE WITH 'SUBJECT' FIELD
IF #SUBJ <<SEND #SUBJ; CALL TXT(3)>>
READ(2)
// SYNCHRONISE WITH 'MESSAGE' FIELD
IFS(2) #MESSAGE <<SEND #MESS; CALL TXT(4);
      READ(NOMSG)>>
// SEND END OF MSG DELIMITER
DEST(H); SEND #CTLZ; READ(2)
IFS(2) #QS <<SEND #CR>>
// UPDATE TENEX TIMEOUT PERIOD TO 2 MINS TO
// HANDLE SNDMSG EXIT
// RESPONSE(H) 2 MINS
// CLEAR MSG BUFFER TO AVOID TESTING
// PREVIOUSLY INPUT CHARS

CLEAR
// CALL RESPONSE HANDLING ROUTINE
// THIS PASSES RESPONSES BACK TO USER AND
// EXITS FROM SNDMSG
CALL RESP
INTERRUPT(ITP) // ENABLE USER INTERRUPT
                // HANDLING ROUTINE
TIMEOUT(O) USTMOUT // RE-SET USER TIMEOUT
                  // PROCEDURE
RESPONSE(H) 60 SECS // SET TENEX TIMEOUT
                  // PERIOD TO 60 SECS

END

```

Bibliography

- ANDERSON, R. H. and GILLOGLY, J. J. (1974). Rand intelligent terminal agent (RITA) Ref. Manual, The Rand Corp'n, Santa Monica, Calif.
- ANDERSON, R. H. (1975a). The Rand intelligent terminal agent (RITA) as a network access aid, *Proc. NCC 1975*, pp. 501-509.
- ANDERSON, R. H. (1975b). Advanced intelligent terminals as a user's network interface, The Rand Corp'n, Santa Monica, Calif.
- ANDERSON, R. H. and GILLOGLY, J. J. (1976). Rand intelligent terminal agent (RITA): Design Philosophy, The Rand Corp'n, Santa Monica, Calif., R-18909-ARPA.
- BAKOS, T. (1975). Implementation of high level languages on minicomputers in *Proc. IFIP Conf. on Minicomputer Software*, ed. Bell and Bell, pp. 167-173.
- BLANC, R. P. (1974). Assisting network users with a Network Access Machine, *Proc. ACM*, Nov. 1974.
- CHUPIN, J. C. (1974). Command languages and heterogeneous networks, *IFIP TC-2 Working Conf. on Command Langs.*, Lund 1974.
- CHUPIN, J. C., SEGUIN, J. and SERGEANT, G. (1975). Distributed applications on heterogeneous networks, *Joint Workshop on Data Comm. (IFIP-IIASA)*, Laxemburg, Austria, Sept. 1975.
- HIGGINSON, P. L. (1976). Software requirements of a minicomputer system for use as a gateway between computer networks, *Proc. IFIP Conf. on Minicomputer Software*, ed. Bell and Bell, pp. 257-266.
- HIGGINSON, P. L. and HINCHLEY, A. J. (1975). The problems of linking several networks with a gateway computer. *European Comp. Conf. on Comm. Networks*.
- KENT, S. A. (1978). A network facsimile and text virtual system, *Small Systems Software*, Vol. 3 No. 2, pp. 2-13.
- KIMBLETON, S. R. and MANDELL, R. L. (1976). A perspective on network operating systems, *Proc. NCC 1976*, pp. 551-559.
- DU MASLE, J. *et al.* (1974). Proposed organisation of an interpreter for the implementation of high level procedures on a computer network *IFIP Congress*, Stockholm, Aug. 1974.
- DU MASLE, J. and GOYER, P. (1974). Some basic notions for computer network command languages, *IFIP TC-2 Working Conf. on Command Langs.*, Lund, 1974.
- NEUMANN, A. J. (1973). User procedures standardisation for network access, *NBS Tech. Note 799*.
- NEWMAN, I. A. (1975). Command language design for networks of processors, *Comm. networks*, pp. 519-535.
- PYKE, T. N. (1974). Network access techniques: some recent developments, *Proc. 3rd Annual Texas Conf.*
- ROSENTHAL, R. (1976a). Network access techniques: a review, NBS, Washington DC, also in *Proc. NCC, 1976*.
- ROSENTHAL, R. and WATKINS, S. W. (1974). Automated access to network resources, *Computer Networks: Trends and Applications*, NBS, Gaithersburg, Maryland, pp. 47-50.
- ROSENTHAL, R. (1976b). A review of network access techniques with a case study: the NAM, NBS, Washington, DC.
- ROSENTHAL, R. (1975). Accessing online network resources with a Network Access Machine, *Proc. IEEE Intercon.*
- STOKES, A. V. (1976). Software development in a network environment using a high level language, *Proc. IFIP Conf. on Minicomputer Software*, ed. Bell and Bell, pp. 241-254.

Joint BCS ACM symposium on Research and Development in Information Retrieval

June 24, 25 and 26 1980
St John's College, Cambridge

A conference to bring together those involved in research and development in the principles and methods of information storage and retrieval. It is intended to cover a wide range of topics, from the conceptual problems inherent in IR, to relevant aspects of hardware, and from basic theory to the embodiment of new ideas in operating terms.

Speakers from USA, Canada, Germany, Poland and the UK.

Guest speaker: B. C. Brookes on Information technology and the science of information.

Registration fees: £125 for non-members, £110 for BCS members.

Details from Deborah Hart,
The British Computer Society,
13 Mansfield Street,
London W1M 0BP
Tel: 01-637 0471 ext. 28.