

ECMA/TR 29, Open Systems Interconnection Distributed Interactive Processing Environment (DIPE)

SCOPE

The subject of this Technical Report, ECMA/TR29, is a Distributed Interactive Processing Environment (DIPE) which supports distributed-transaction-processing. Some possible approaches to providing such an environment have been examined, and proposals are made as follows:

- a statement of the requirements for DIPE (see 2),
- a technical overview of DIPE (see 3),
- a DIPE service description (see 4),
- a list of items for further study (see 5),
- recommendations for future standardization work (see 6).

The DIPE field of applications includes, but is not limited to, OSI distributed-transaction-processing for: office information systems, remote database-access, specific value added-network (VAN) services, and OSI management. DIPE may also be suitable for use in many non-interactive areas of OSI.