

AS 3697—1991

ISO 8831: 1988

ENDORSED BY SANS

1994
ED.

Australian Standard®

**Information processing systems—
Open Systems Interconnection—Job
transfer and manipulation concepts
and services**



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**Information processing systems—
Open Systems Interconnection—Job
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and services**

First published as AS 3697—1991.

PREFACE

This Standard was prepared by the Standards Australia Committee on Information Technology—Interconnection. It is identical with and has been reproduced from ISO/IEC 8831: 1988—*Information processing systems—Open Systems Interconnection—Job transfer and manipulation concepts and services*.

The Standard is one of a series of Open Systems Interconnection (OSI) Standards which are currently under development. Since OSI Standards are developmental, there may be some minor difficulties encountered in their implementation. For this reason, Standards Australia will be providing, through the OSI Help Desk, a service to coordinate and disseminate information concerning difficulties which are identified in using this Standard.

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- (i) **Terminology** The words 'Australian Standard' should replace the words 'International Standard' wherever they appear.
- (ii) **References** The references to International Standards should be replaced by references to Australian Standards as follows:

Reference to International Standards

ISO

646 Information processing—ISO 7-bit coded character set for information interchange

2022 Information processing—ISO 7-bit and 8-bit coded character sets—Code extension techniques

2375 Data processing—Procedure for registration of escape sequences

7498 Information processing systems—Open Systems Interconnection—Basic reference model

8571 Information processing systems—Open Systems Interconnection—File Transfer, Access and Management

8571 Part 3: File Service definition

8649 Information processing systems—Open Systems Interconnection—Service definition for the Association Control Service Element

8822 Information processing systems—Open Systems Interconnection—Connection oriented Presentation service definition

8824 Information processing systems—Open Systems Interconnection—Specification of Abstract Syntax Notation One (ANS.1)

9802 Information processing systems—Open Systems Interconnection—Specification of the Basic Class Protocol for Job Transfer and Manipulation

TR

8509 Information processing systems—Open Systems Interconnection—Service Conventions

9804 Information processing systems—Open Systems Interconnection—Service definition for the Commitment Concurrency and Recovery service element

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AS

1776 Information processing—7-bit coded character set for information interchange

1973 Information processing—ISO 7-bit and 8-bit coded character sets—Code extension techniques

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2777 Information processing systems—Open Systems Interconnection—Basic reference model

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3683 Information processing systems—Open Systems Interconnection—Service definition for the Association Control Service Element

3615 Information processing systems—Open Systems Interconnection—Connection oriented presentation service definition

3625 Information processing systems—Open Systems Interconnection—Specification of Abstract Syntax Notation One (ASN.1)

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3620 Information processing systems—Open Systems Interconnection—Service Conventions

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Information processing systems—Open Systems Interconnection—Job transfer and manipulation concepts and services

Section 1 : General

1.1 Scope

This International Standard is an application layer standard within the Open Systems Interconnection framework set up by ISO 7498.

It defines the concepts and services for job transfer and manipulation.

This International Standard requires that the user of JTM

- specifies the open systems where work is to be done;
- knows the local functions and facilities of the open systems where work is to be done;
- knows the control languages used to specify local work on the open systems where work is to be done.

This International Standard provides the means to

- to specify work to be done on one or more open systems. The work done at one open system can result in new work to be done at other open systems;
- monitor the execution of work previously specified;
- modify work previously specified.

This International Standard does not address the standardisation of control languages, but is also applicable to the use of a standardised control language. This International Standard does not address the standardisation of user interfaces.

1.2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate

the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 646 : 1983, *Information processing – ISO 7-bit coded character set for information interchange.*

ISO 2022 : 1986, *Information processing – ISO 7-bit and 8-bit coded character sets – Code extension techniques.*

ISO 2375 : 1983, *Data processing – Procedure for registration of escape sequences.*

ISO 7498 : 1984, *Information processing systems – Open Systems Interconnection – Basic Reference Model.*

ISO 8571-3 : 1988, *Information processing systems – Open Systems Interconnection – File Transfer, Access and Management – Part 3 : File Service definition.*

ISO 8649 : 1988, *Information processing systems – Open Systems Interconnection – Service definition for the Association Control Service Element.*

ISO 8822 : 1988, *Information processing systems – Open Systems Interconnection – Connection oriented Presentation Service Definition.*

ISO 8824 : 1987, *Information processing systems – Open Systems Interconnection – Specification of Abstract Syntax Notation One (ASN.1).*

ISO 8832 : 1989, *Information processing systems – Open Systems Interconnection – Specification of the Basic Class Protocol for Job Transfer and Manipulation.*

ISO/TR 8509 : 1987, *Information processing systems – Open Systems Interconnection – Service Conventions.*

ISO 9804 : —¹⁾, *Information processing systems – Open Systems Interconnection – Service definition for the Commitment, Concurrency and Recovery service element.*

1) To be published