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Australian Standard®

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



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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:

<i>Reference to International Standards</i>	<i>Australian Standard</i>
ISO	AS
646 Information processing—ISO 7-bit coded character set for information interchange	1776 Information processing—7-bit coded character set for information interchange
2022 Information processing—ISO 7-bit and 8-bit coded character sets—Code extension techniques	1953 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	2777 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	3683 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	3615 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)	3625 Information processing systems—Open Systems Interconnection—Specification of Abstract Syntax Notation One (ASN.1)
8832 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	3620 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	— —

CONTENTS

	Page
Section 1 : General	7
1.1 Scope	7
1.2 Normative references	7
1.3 Definitions	8
1.3.1 CCR service definitions	8
1.3.2 JTM service definitions	8
1.4 Abbreviations	9
1.5 Conventions	9
Section 2 : Overview	10
2.1 Overview and general description	10
2.1.1 Overview	10
2.1.2 Work specification contents	10
2.1.3 Proformas and spawning	10
2.1.4 Source, sink and execution agencies.	11
2.1.5 OSI jobs	11
2.1.6 Processing of work specifications.	11
2.1.7 Reporting and the monitor function	12
2.1.8 Commitment, concurrency and recovery	13
2.1.9 Transfer control	15
2.1.10 Report manipulation	16
2.1.11 Work manipulation	16
2.1.12 Transfer manipulation	17
2.1.13 Authorisation and accounting	17
2.1.14 Work specification identification	17
2.1.15 Reporting responsibility	18
2.1.16 Documents	19
2.1.17 JTM relays	19
2.2 Overview of the service	19
2.3 Basic and extended implementations	20
2.4 Model for the service specification	20
Section 3 : Definition of primitives	22
3.1 JTM service primitives	22
3.1.1 Service primitive groups	22
3.1.2 Components of service primitive groups	23
3.1.3 Parameters of CCR-related primitives	24
3.1.4 Sequence of service primitive groups	24

	Page
3.1.5 Sequence of service primitives	24
3.2 Notation for service primitive and datastructure definition	25
3.2.1 Basic datatypes	25
3.2.2 Structuring mechanisms	25
3.2.3 Definition of basic datatypes	25
3.3 JTM events and report parameters	26
3.3.1 Event categories	26
3.3.2 Reports	28
3.3.3 Diagnostic information parameter	29
3.4 Fields of the conceptual data structures	30
3.4.1 Work specifications	31
3.4.2 OSI job parameters	31
3.4.3 OSI subjob parameters	34
3.4.4 JTM action parameters	35
3.4.5 Proformas	41
3.4.6 Header lists	42
3.4.7 Transfer control records	44
3.5 JTM documents	44
3.5.1 JTM report-display document	44
3.5.2 JTM work-display document	44
3.5.3 JTM TCR-display document	45
3.6 Parameters of JTM service primitives	45
3.6.1 J-INITIATE request and confirm primitives	45
3.6.2 J-DISPOSE service primitives	45
3.6.3 J-GIVE service primitives	46
3.6.4 J-ENQUIRE indication and response primitives	47
3.6.5 J-MESSAGE request primitive	47
3.6.6 J-SPAWN request primitive	47
3.6.7 J-END-SIGNAL request primitive	47
3.6.8 J-STATUS indication and response primitives	48
3.6.9 J-HOLD, J-RELEASE, J-KILL, J-STOP indication primitives	48
3.6.10 Summary	48
Section 4 : Basic Class	50
4.1 Primitive groups and document types for Basic Class	50
4.1.1 Service primitive groups	50
4.1.2 Document types	50

	Page
4.2 Conceptual datastructures for Basic Class	50
4.2.1 Reports	50
4.2.2 Work specifications	51
4.2.3 Document movement operations	52
4.2.4 Work manipulation operations	52
4.2.5 Report movement operations	52
4.2.6 Proformas	52
4.2.7 Transparency of proformas	52
4.2.8 Transfer control records	52
4.2.9 JTM documents	53
4.3 J-INITIATE primitive group parameters for Basic Class	53
4.3.1 Top level parameters	53
4.3.2 OSI job parameters	53
4.3.3 OSI subjob parameters	53
4.3.4 JTM action parameters	53
4.3.5 Proformas	54
4.3.6 Summary of information contained in a Basic Class J-INITIATE request	54
4.4 Other primitive groups in Basic Class	55
4.4.1 J-DISPOSE	55
4.4.2 J-GIVE	55
4.4.3 Other groups	55
4.5 Summary of Basic Class primitives and parameters	55
Annexes	
A JTM service conventions	57
A.1 Introduction	57
A.2 Scope	57
A.3 References	57
A.4 Definitions	57
A.5 Model for the JTM service	57
A.6 Service primitives	57
A.7 Time sequence diagrams	58
A.8 Conventions for naming service primitives	58
B Registers of document types	60
B.1 Introduction	60
B.2 Purpose of the entry	60
B.3 Identification	60

	Page
B.4 Document semantics	60
B.5 Transfer syntax	60
B.6 Relation of syntax and semantics	60
B.7 Syntactic considerations	61
B.8 Contents of the register	61
C Tutorial material	62
C.1 Introduction	62
C.2 Architecture	62
C.3 Reporting	63
C.4 Manipulation	64
C.5 J-INITIATE primitives	65
C.6 Naming	65
C.7 Authentication	65
C.8 JTM terminology	66
C.9 The OSI job parameters	66
C.10 Identification of management	67
C.11 JTM activity (subjobs)	67
C.12 Action on errors	70
C.13 Documents	71
C.14 JTM relays	73
C.15 Agency access protocols	73
C.16 Time-relations on service primitives	73
C.17 Subsets and conformance	79
C.18 Interworking of Basic Class and extended implementations	79
C.19 The JTM protocol	79
C.20 Examples of the authentication mechanism	81
D Glossary of terms	83

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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 : 1985, *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.*

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