

Australian/New Zealand Standard™

**Information technology—CDIF transfer
format**

**Part 1: General rules for syntaxes and
encodings**



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AS/NZS ISO/IEC 15475.1:2003

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OF

AS/NZS ISO/IEC 15475.1:2003

**Information technology—CDIF transfer format
Part 1: General rules for syntaxes and encodings**

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NOTES

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee IT-015, Software Engineering.

This Standard is identical with, and has been reproduced from ISO/IEC 15475-1:2002, *Information technology—CDIF transfer format—Part 1: General rules for syntaxes and encodings*.

The objective of this Standard is to describe the way that CDIF metamodels are concretely represented during a transfer and the way that CDIF supports multiple exchange syntaxes and encodings.

This Standard is Part 1 of AS/NZS ISO/IEC 15475, *Information technology—CDIF transfer format*, which is published in parts as follows:

Part 1: General rules for syntaxes and encodings (this Standard)

Part 2: Syntax SYNTAX.1

Part 3: Encoding ENCODING.1

The terms ‘normative’ and ‘informative’ are used to define the application of the annex to which they apply. A normative annex is an integral part of a standard, whereas an informative annex is only for information and guidance.

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<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
ISO/IEC		AS/NZS	
9075	Information technology—Database languages—SQL	3968	Information technology—Database languages—SQL
		3968.0	Part 0: Definition of data structures and basic operations
15474	Information technology—CDIF framework	ISO/IEC 15474	Information technology—CDIF framework
15474-1	Part 1: Overview	ISO/IEC 15474.1	Part 1: Overview
15474-2	Part 2: Modelling and extensibility	ISO/IEC 15474.2	Part 2: Modelling and extensibility
10646	Information technology—Universal multiple-octet coded Character Set (UCS)	4189	Information technology—Universal multiple-octet coded Character Set (UCS)
10646-1	Part 1: Architecture and basic multilingual plane	4189.1	Part 1: Architecture and basic multilingual plane

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AUSTRALIAN/NEW ZEALAND STANDARD

Information technology — CDIF transfer format —**Part 1:****General rules for syntaxes and encodings****1 Scope**

The CDIF family of standards is primarily designed to be used as a description of a mechanism for transferring information between modelling tools. It facilitates a successful transfer when the authors of the importing and exporting tools have nothing in common except an agreement to conform to CDIF. The language that is defined for the Transfer Format also has applicability as a general language for Import/Export from repositories. The CDIF Semantic Metamodel defined for modelling tools also has applicability as the basis of standard definitions for use in repositories.

The standards, which form the complete family of CDIF Standards, are documented in ISO/IEC 15474-1:2002, *Information technology — CDIF framework — Part 1: Overview*. These standards cover the overall framework, the transfer format and the CDIF Semantic Metamodel.

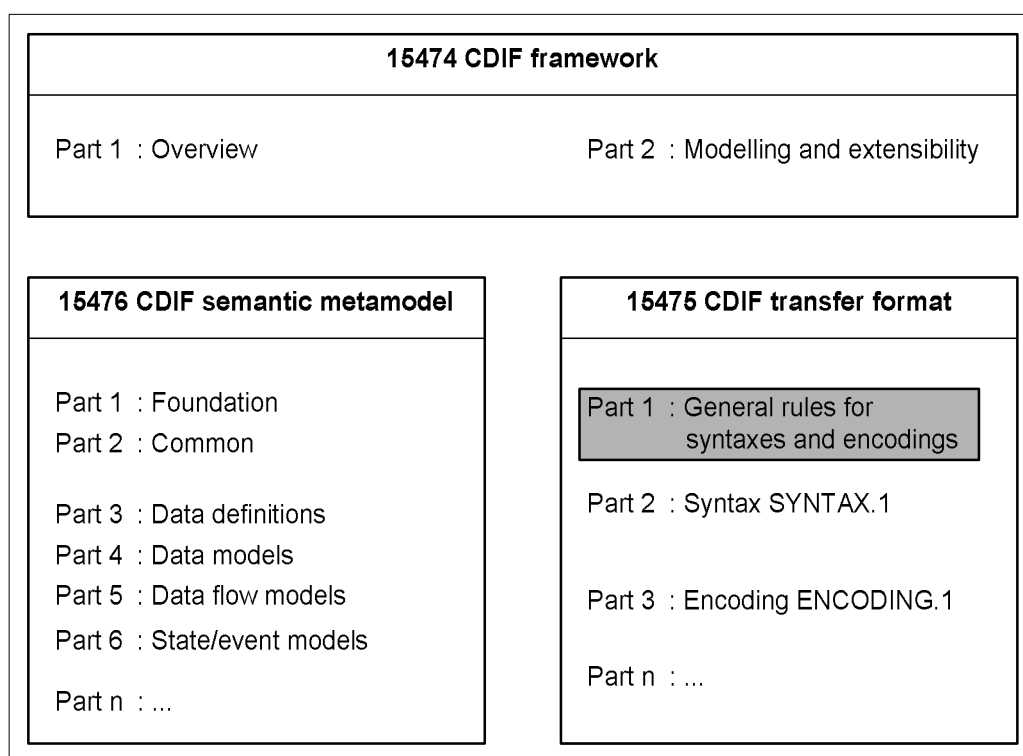


Figure 1 – Position in the CDIF family of standards

The diagram in Figure 1 depicts the various standards that comprise the CDIF family of standard. The shaded box depicts this Standard and its position in the CDIF family of standard.