

Australian/New Zealand Standard™

**Information technology—CDIF semantic
metamodel**

Part 1: Foundation

AS/NZS ISO/IEC 15476.1:2003

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee IT-015, Software Engineering. It was approved on behalf of the Council of Standards Australia on 6 May 2003 and on behalf of the Council of Standards New Zealand on 8 May 2003. It was published on 16 June 2003.

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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 15476-1:2002, *Information technology—CDIF semantic metamodel—Part 1: Foundation*.

The objective of this Standard is to define the Foundation subject area of the CDIF semantic metamodel. This subject area contains the basic objects on which all other objects, including those defined using extensibility, must be based.

This Standard is Part 1 of AS/NZS ISO/IEC 15476, *Information technology—CDIF semantic metamodel*, which is published in parts as follows:

Part 1: Foundation (this Standard)

Part 2: Common

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<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
ISO/IEC		AS/NZS	
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

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AUSTRALIAN/NEW ZEALAND STANDARD

Information technology — CDIF semantic metamodel —**Part 1:
Foundation****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 CASE 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.

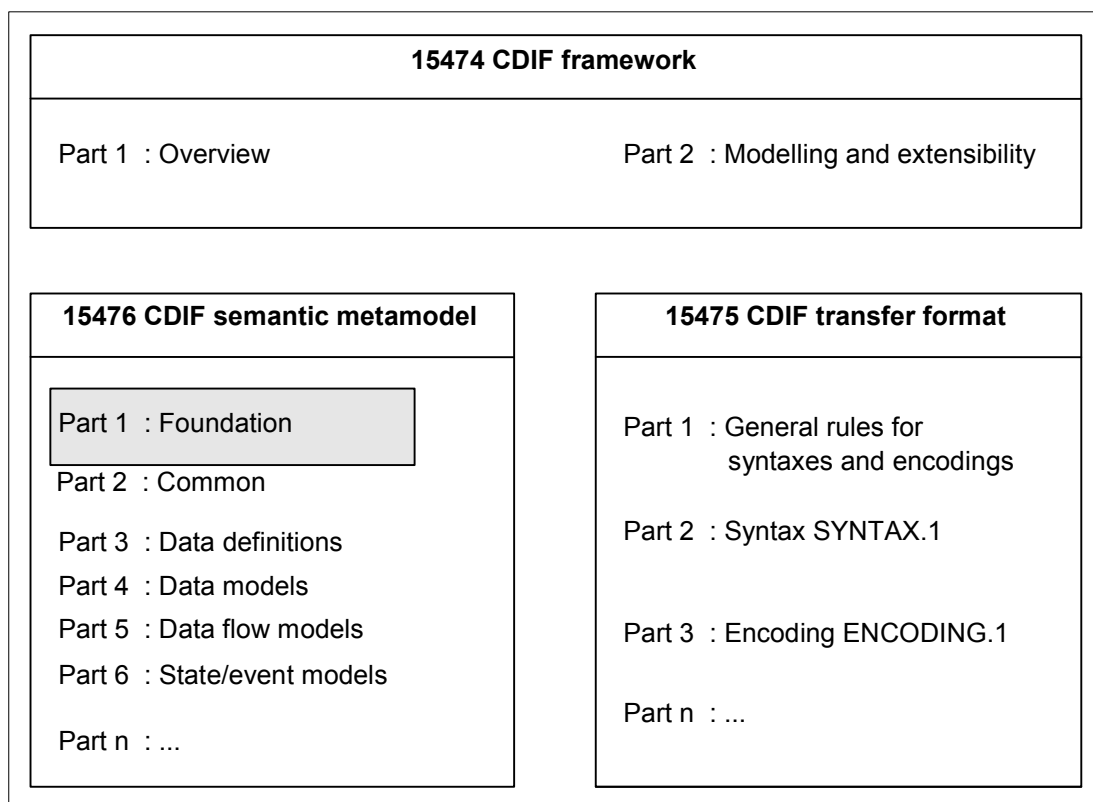


Figure 1 – CDIF family of standards

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