AS/NZS ISO/IEC 15476.2:2003
ISO/IEC 15476-2:2002

Australian/New Zealand Standard™

Information technology—CDIF semantic metamodel
Part 2: Common

Standards Australia

STANDARDS NEW ZEALAND
Paerewa Aotearoa

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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We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia International or Standards New Zealand at the address shown on the back cover.

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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 15476-2:2002, *Information technology—CDIF semantic metamodel*—Part 2: *Common*.

The objective of this Standard is to define the Common Subject Area of the CDIF semantic metamodel. This subject area contains meta-objects that are used as the basis of the other subject area standards, and also meta-relationships and meta-attributes that are applicable to all meta-objects.

This Standard is Part 2 of AS/NZS ISO/IEC 15476, *Information technology—CDIF semantic metamodel*, which is published in parts as follows:

Part 1: Foundation
Part 2: Common (this Standard)

As this Standard is reproduced from an international standard, the following applies:

(a) Its number appears on the cover and title page while the international standard number appears only on the cover.

(b) In the source text 'this International Standard' should read 'this Australian/New Zealand Standard'.

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References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		*Australian/New Zealand Standard*	
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
15476	Information technology—CDIF semantic metamodel	ISO/IEC 15476	Information technology—CDIF semantic metamodel
15476-1	Part 1: Foundation	ISO/IEC 15476.1	Part 1: Foundation

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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.

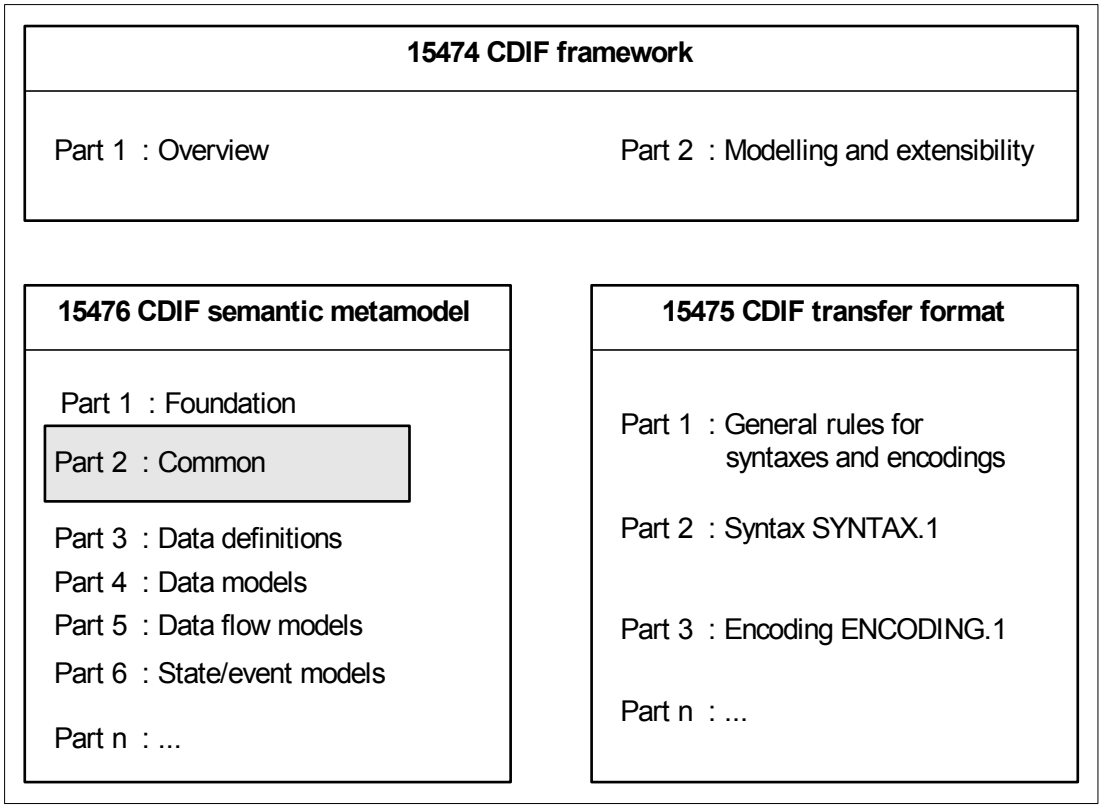

Figure 1 – CDIF family of standards

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.