

AS/NZS ISO/IEC 15474.1:2003
ISO/IEC 15474-1:2002
Reconfirmed 2014

Australian/New Zealand Standard™

Information technology—CDIF framework

Part 1: Overview



Standards Australia



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AS/NZS ISO/IEC 15474.1:2003

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This Standard was issued in draft form for comment as DR 03132.

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RECONFIRMATION

OF

AS/NZS ISO/IEC 15474.1:2003
Information technology—CDIF framework
Part 1: Overview

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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 15474-1:2002, *Information technology—CDIF framework—Part 1: Overview*.

The objective of this Standard is to introduce the CDIF family of standards and define the terms common to the CDIF family of standards.

This Standard is Part 1 of AS/NZS ISO/IEC 15474, *Information technology—CDIF framework*, which is published in parts as follows:

Part 1: Overview (this Standard)

Part 2: Modelling and extensibility

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'.
- (c) A full point substitutes for a comma when referring to a decimal marker.

None of the normative references in the source document have been adopted as Australian or Australian/New Zealand Standards.

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AUSTRALIAN/NEW ZEALAND STANDARD

Information technology — CDIF framework —

Part 1: Overview

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 CDIF family of standards includes a semantic metamodel and a transfer format definition. It also includes the specification of a meta-metamodel and associated rules that define a framework for the semantic metamodel and the transfer format. The language that is defined for the transfer format also has applicability as a general language for Import/Export for repositories. The CDIF semantic metamodel also has applicability as the basis of standard definitions for use in repositories.

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.

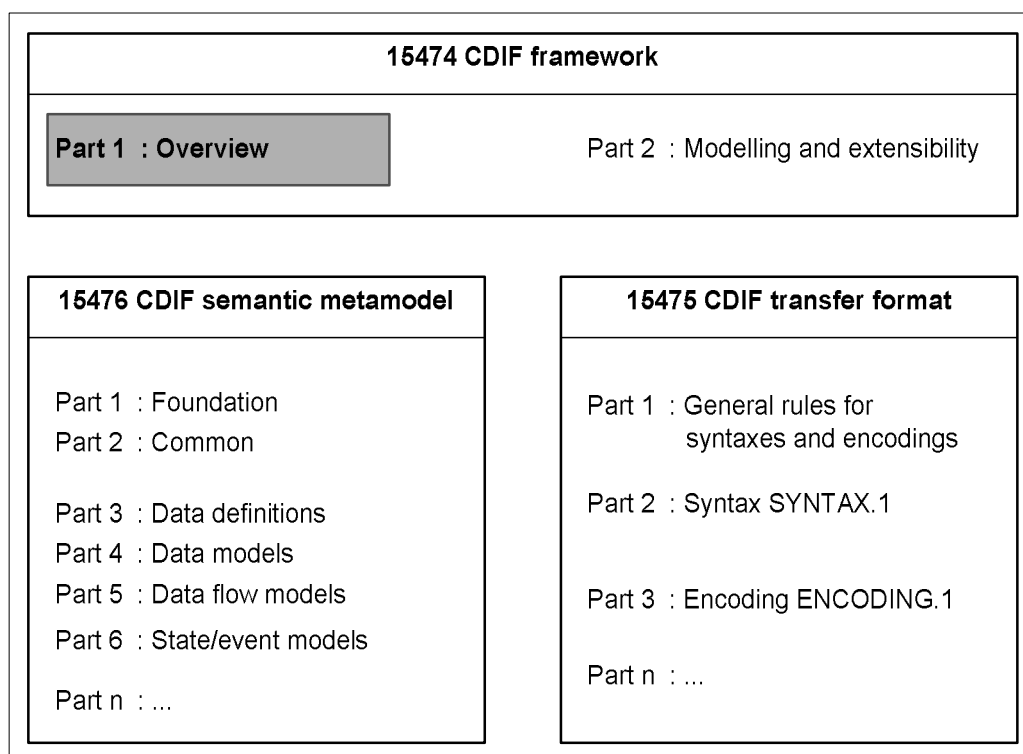


Figure 1 – CDIF family of standards

This document introduces the CDIF family of standards and defines the terms common to the CDIF family of standards.