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AMENDMENT 4
1998-05-01

Information technology — Information Resource Dictionary System (IRDS) Services Interface

AMENDMENT 4: RPC IDL binding

Technologies de l'information — Interface de services du gestionnaire de ressources du système d'informations (RDS)

AMENDEMENT 4: Connexion RPC IDL

Reference number
ISO/IEC 10728:1993/Amd.4:1998(E)

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Foreword

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Amendment 4 to ISO/IEC 10728:1993 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 21, *Open systems interconnection, data management and open distributed processing.*

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Introduction

This Amendment to ISO/IEC 10728 defines the RPC IDL interface to an ISO IRDS.

An ISO IRDS RPC IDL binding makes ISO IRDS repository facilities available to an RPC environment. This:

a) increases the availability of ISO IRDS functionality;
b) provides IRDS access at low cost to a wider community.

The range of languages from which the ISO IRDS Services Interface can be accessed is increased to all of those that can access services defined by the RPC IDL. Tool vendors, tool builders, data providers and data consumers will benefit from this broader accessibility of an ISO IRDS.

The general principles set out in ISO/IEC TR10182:1993, *Information technology — Programming languages, their environments and system software interfaces — Guidelines for language bindings*, have been considered during the development of this Amendment.

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AMENDMENT 4: RPC IDL binding

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Contents

Add a new entry to the Table of Contents as follows:
"Annex F- RPC IDL binding"

Page 1
Clause 1

Add a new sentence in Clause 1 paragraph 2, before the last sentence.

"A language binding for RPC IDL is provided in Annex F."

Page 1
Clause 2

Add a new Normative Reference.

"ISO/IEC 11578:1996 Information technology - Open Systems Interconnection - Remote Procedure Call (RPC) "

Page 5
Subclause 4.4

Add a new sentence in subclause 4.4.

"Data structures for use with RPC IDL are defined in Annex F."

Page 5
Subclause 4.5

Add a new sentence in subclause 4.5

"RPC IDL bindings for the services are provided in Annex F."

Page 71
Subclause 8.1

Amend the first sentence of the NOTE in clause 8.1 to read:

For the Pascal language binding specified in this clause, the C language binding specified in Annex C, the Ada language binding specified in Annex D ,the CORBA IDL binding specified in Annex E and the RPC IDL binding specified in Annex F, enumerated types are ..."

Page 75
Clause 9

Amend the first sentence of the second paragraph of Clause 9 to read:

"The service formats are specified in this clause using ISO standard Pascal. Alternative service formats for use with the C language binding are specified in Annex C, for the Ada language binding in Annex D, the CORBA IDL binding in Annex E and the RPC IDL binding in Annex F."

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Add a new Annex F as follows:

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