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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 32392.9-2018

**Information technology -- Metamodel framework for
interoperability (MFI) -- Part 9: On demand model selection**

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3.1 Terms and Definitions

Foreword

GB/T 32392 "Information Technology Interoperability Metamodel Framework (MFI)" is divided into the following sections.

--- Part 1. Reference model;

--- Part 2. The core model;

--- Part 3. Ontology Registration Metamodel;

--- Part 4. Model Mapping Metamodel;

--- Part 5. The process model registration metamodel;

--- Part 7. Service model registration metamodel;

--- Part 8. Role and Target Model Registration Metamodel;

--- Part 9. On-demand model selection.

This part is part 9 of GB/T 32392.

This section was drafted in accordance with the rules given in GB/T 1.1-2009.

This section uses translation method identical to the ISO /IEC 19763-9:2015 "Information Technology Interoperability Meta-Model Framework (MFI)

Part 9. On-demand model selection."

The Chinese documents that have a consistent correspondence with the normatively quoted international documents in this section are as follows.

GB/T 32392.1-2015 Information Technology Interoperability Meta-Model Framework (MFI)

Part 1. Reference Model

(ISO /IEC 19763-1:2007, IDT)

GB/T 32392.3-2015 Information technology interoperability meta-model framework (MFI)
Part 3. Ontology registration meta-model

(ISO /IEC 19763-3:2007, IDT)

GB/T 32392.5-2018 Information Technology Interoperability Meta Model Framework (MFI)
Part 5. Process Model Registration Metamodel

(ISO /IEC 19763-5:2015, IDT)

GB/T 32392.7-2018 Information Technology Interoperability Meta-Model Framework (MFI)
Part 7. Service Model Registration Meta-Model

(ISO /IEC 19763-7:2015, IDT)

GB/T 32392.8-2018 Information Technology Interoperability Meta-Modeling Framework
(MFI) Part 8. Role and Object Model Registration

Metamodel (ISO /IEC 19763-8, IDT)

GB/T 18391.6-2009 Information Technology Metadata Registration System (MDR) Part 6.
Registration (ISO /IEC 11179-6.

2001, IDT)

Introduction

Many industry organizations have initiated the standardization of domain-specific objects, including the use of public modeling facilities and exchange facilities such as UML and XML.

Business process model and software components. They focus on standardizing domain-specific business process models and standard modeling components, such as data

Elements, entity outlines, and range of values.

ISO /IEC 19763 provides registration for different types of information resources in the business domain, such as ontologies, roles, objectives, processes and services, etc.

mechanism. For these rich and heterogeneous models, how to choose the right service and/or model based on the needs of users has become a

An important issue. Based on the metamodel defined in ISO /IEC 19763-5, ISO /IEC 19763-7 and ISO /IEC 19763-8, the Division

It describes the framework and steps for on-demand model selection to help users find suitable models or services to meet their needs.

Information Technology Interoperability Meta Model Framework (MFI)

Part 9. On-demand model selection

1 Scope

This part of the GB/T 32392 establishes a set of technical principles to guide how to choose according to the metamodel of roles and objectives, processes, and services.

Select a suitable set of models and/or services to meet user needs.

This section is limited to model registration based on ISO /IEC 19763-5, ISO /IEC 19763-7 and ISO /IEC 19763-8.

Line model selection.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article

Pieces. For undated references, the latest version (including all amendments) applies to this document.

ISO /IEC 11179-6 Information Technology Metadata Registration System Part 6.
Registration (Informationtechnology-

Metadataregistries(MDR)-Part 6.Registration)

ISO /IEC 19763-1 Information technology interoperability metamodel framework Part 1.
Framework (Informationtechnology-

Metamodelframeworkforinteroperability(MFI)-Part 1.Framework)

ISO /IEC 19763-3 Information technology interoperability metamodel framework Part 3.
Ontology registration metamodel (Information

technology-Metamodelframeworkforinteroperability(MFI)-Part 3.Metamodelforontologyregis-
Tration)

ISO /IEC 19763-5 Information technology interoperability metamodel framework Part 5.
Process model registration metamodel

(Informationtechnology-Metamodelframeworkforinteroperability(MFI)-Part 5. Metamodelfor
Processmodelregistration)

ISO /IEC 19763-7 Information technology interoperability metamodel framework Part 7.
Service model registration metamodel

(Informationtechnology-Metamodelframeworkforinteroperability(MFI)-Part 7. Metamodelfor

Service model registration)

ISO /IEC 19763-8 Information technology interoperability metamodel framework Part 8.

Role and target model registration metamodel (In-

formation technology-Metamodel framework for interoperability (MFI)-Part 8. Metamodel for role

and goal model registration)

ISO /IEC 19763-10 Information Technology Interoperability Metamodel Framework Part 10.

Core Models and Basic Mapping (Infor-

mation technology-Metamodel framework for interoperability (MFI)-Part

10. Core model and basic

Mapping)

3.1 Terms and Definitions

ISO /IEC 19763-1, ISO /IEC 19763-3, ISO /IEC 19763-5, ISO /IEC 19763-7, ISO /IEC 19763-8 and

The terms and definitions defined by ISO /IEC 19763-10 and the following terms apply to this document.