

ISO/IEC 19763-8:2015-10 (E)

Information technology - Metamodel framework for interoperability (MFI) - Part 8: Metamodel for role and goal model registration

Contents		Page
Foreword		v
Introduction	Error! Bookmark not defined	
1	Scope	1
2	Normative references	2
3	Terms, definitions and abbreviated terms	2
3.1	Terms and definitions	2
3.2	Abbreviated terms	3
4	Conformance	4
4.1	General	4
4.2	Degree of conformance	4
4.2.1	General	4
4.2.2	Strictly conforming implementation	4
4.2.3	Conforming implementation	4
4.3	Implementation Conformance Statement (ICS)	4
5	Structure of MFI Role and Goal model registration	5
5.1	Overview of MFI Role and Goal model registration	5
5.2	Associations between MFI Role and Goal model registration and other parts in MFI	6
5.3	Metaclasses in MFI Role and Goal model registration	7
5.3.1	Constraint	7
5.3.2	Constraint_Type	8
5.3.3	Decomposition	8
5.3.4	Decomposition_Type	8
5.3.5	Description_Type	9
5.3.6	Functional_Goal	9
5.3.7	Goal	10
5.3.8	Involvement_Type	11
5.3.9	Nonfunctional_Goal	11
5.3.10	Organization	12
5.3.11	Process_Involvement	12
5.3.12	Role	13
5.3.13	Role_Goal_Model	14
5.3.14	Role_Goal_Modelling_Language	15
5.3.15	Service_Involvement	15
Annex A (informative) Examples		16
A.1	Introduction	16
A.2	Example 1 - Trip Arrangement in i*	16
A.3	Example 2 - Library Management in ODP (UML profiles)	20
Bibliography		22
Figures		
Figure 1 - The scope of MFI Role and Goal model registration		1
Figure 2 - Metamodel of MFI Role and Goal model registration		6

Figure 3 - Associations between MFI Role and Goal model registration and other parts in MFI	6
Figure 4 - Associations between MFI Role and Goal model registration and MFI Core and mapping ..	7
Figure A.1 - Example of Trip_Arrangement model in i*	16
Figure A.2 - Registration of the Trip_Arrangement example (Part 1 of 2)	18
Figure A.2 - Registration of the Trip_Arrangement example (Part 2 of 2)	19
Figure A.3 - Example of Library_Management model in ODP	20
Figure A.4 - Registration of the Library_Management example	21
Tables Table A.1 - Transformations for Example 1	17
Table A.2 - Transformations for Example 2	21