

# ISO/IEC TS 19763-13:2016-12 (E)

## Information technology - Metamodel framework for interoperability (MFI) - Part 13: Metamodel for form design registration

---

<b>Contents</b>		<b>Page</b>
Foreword .....		v
Introduction .....		vi
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms, definitions and abbreviated terms .....</b>	<b>1</b>
<b>3.1</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>3.2</b>	<b>Abbreviated terms .....</b>	<b>3</b>
<b>4</b>	<b>Conformance .....</b>	<b>3</b>
<b>4.1</b>	<b>General .....</b>	<b>3</b>
<b>4.2</b>	<b>Degrees of conformance .....</b>	<b>3</b>
<b>4.2.1</b>	<b>General .....</b>	<b>3</b>
<b>4.2.2</b>	<b>Strictly conforming implementation .....</b>	<b>3</b>
<b>4.2.3</b>	<b>Conforming implementation .....</b>	<b>4</b>
<b>4.2.4</b>	<b>Implementation Conformance Statement (ICS) .....</b>	<b>4</b>
<b>5</b>	<b>Structure of MFI form design registration .....</b>	<b>4</b>
<b>5.1</b>	<b>Overview of MFI form design registration .....</b>	<b>4</b>
<b>5.2</b>	<b>Relationship of metaclasses to the MDR Metamodel .....</b>	<b>7</b>
<b>5.3</b>	<b>Details provided in each metaclass definition .....</b>	<b>7</b>
<b>5.4</b>	<b>Basic Types and Enumerations in MFI form design registration .....</b>	<b>8</b>
<b>5.4.1</b>	<b>General .....</b>	<b>8</b>
<b>5.4.2</b>	<b>Property .....</b>	<b>9</b>
<b>5.4.3</b>	<b>Question_Element_Property .....</b>	<b>9</b>
<b>5.4.4</b>	<b>Target_Element_State .....</b>	<b>9</b>
<b>5.4.5</b>	<b>Operation_Type .....</b>	<b>10</b>
<b>5.5</b>	<b>Metaclasses in MFI for form design registration .....</b>	<b>11</b>
<b>5.5.1</b>	<b>Form_Design .....</b>	<b>11</b>
<b>5.5.2</b>	<b>Form_Design_Language .....</b>	<b>11</b>
<b>5.5.3</b>	<b>Form_Design_Template .....</b>	<b>11</b>
<b>5.5.4</b>	<b>Form_Design_Element .....</b>	<b>11</b>
<b>5.5.5</b>	<b>Presentation_Element .....</b>	<b>12</b>
<b>5.5.6</b>	<b>Section_Element .....</b>	<b>13</b>
<b>5.5.7</b>	<b>Media_Element .....</b>	<b>14</b>
<b>5.5.8</b>	<b>Text_Element .....</b>	<b>14</b>
<b>5.5.9</b>	<b>Localised_Text .....</b>	<b>15</b>
<b>5.5.10</b>	<b>Question_Element .....</b>	<b>16</b>
<b>5.5.11</b>	<b>Response .....</b>	<b>17</b>
<b>5.5.12</b>	<b>Attachment .....</b>	<b>18</b>
<b>5.5.13</b>	<b>Text_Field .....</b>	<b>18</b>
<b>5.5.14</b>	<b>Lookup_Field .....</b>	<b>18</b>
<b>5.5.15</b>	<b>List_Field .....</b>	<b>19</b>
<b>5.5.16</b>	<b>List_Item .....</b>	<b>20</b>
<b>5.5.17</b>	<b>List_Item_Selected_State .....</b>	<b>21</b>
<b>5.5.18</b>	<b>Rule .....</b>	<b>21</b>
<b>5.5.19</b>	<b>Constant .....</b>	<b>22</b>
<b>5.5.20</b>	<b>Expression .....</b>	<b>22</b>

5.5.21	Variable .....	23
5.5.22	Operation .....	23
5.5.23	Reference_Document .....	24
5.5.24	Datatype .....	24
5.5.25	Unit_Of_Measure .....	25
Annex A (normative) MDR Mapping Package .....		26
Annex B (informative) Description of the metamodel .....		31
Annex C (informative) Relationship of metaclasses to the MDR Metamodel .....		37
Annex D (informative) Example form designs .....		40
Annex E (informative) Mapping between this document and CDISC ODM .....		44
Bibliography .....		47