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Information technology — Computer graphics and image processing — Presentation Environment for Multimedia Objects (PREMO) —

Part 2: Foundation Component

*Technologies de l'information — Infographie et traitement d'images —
Environnement de présentation d'objects multimédia (PREMO) —
Partie 2: Composant fondamental*



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Contents

Foreword	vi
Introduction	vii
1 Scope	1
2 Normative references	1
3 Definitions	1
3.1 PREMO Part 1 definitions	1
3.2 Additional definitions	1
4 Symbols and abbreviations	3
5 Conformance	3
6 Foundation non-object types	3
7 Foundation object types	5
7.1 Introduction	5
7.2 PREMO objects and fundamental object behaviour	5
7.2.1 Creation and destruction of objects	5
7.2.2 Inquiries on types	5
7.3 Simple PREMO objects	6
7.3.1 Structures	6
7.4 Callback objects	6
7.5 Enhanced PREMO Objects	7
7.5.1 Object properties	7

7.6	Controller objects	8
7.7	Event handler objects	10
7.7.1	Basic Event Handler objects	10
7.7.2	Synchronization Points	11
7.8	Time objects	12
7.8.1	Clock object	12
7.8.2	System clock object	12
7.8.3	Timer object	12
7.9	Synchronization	12
7.9.1	Event Synchronizable objects	12
7.9.2	Time synchronizable objects	16
7.9.3	Time slave objects	17
7.9.4	Time line objects	18
8	Enhanced property management and factories	19
8.1	Enhanced Property management	19
8.1.1	Motivation	19
8.1.2	Capabilities and native property values: the <i>PropertyInquiry</i> type	20
8.1.3	Property constraint and selection: the <i>PropertyConstraint</i> type	21
8.2	Creating PREMO objects	25
8.2.1	Generic Factory objects	25
9	Functional specification	27
9.1	Introduction	27
9.2	Common non-object data types	27
9.3	Exceptions	29
9.4	<i>PREMOObject</i> and fundamental object behaviour	30
9.5	Simple PREMO object and structures	31
9.5.1	<i>SimplePREMOObject</i>	31
9.5.2	Event structure	31
9.5.3	Constraint structure	31
9.5.4	Action Element	32
9.5.5	Synchronization Element	32
9.6	Callback objects	33
9.7	Enhanced PREMO object	34
9.8	<i>Controller</i> object	37
9.9	<i>EventHandler</i> objects	40
9.9.1	Basic event handler objects	40
9.9.2	<i>SynchronizationPoint</i> object	41
9.9.3	<i>ANDSynchronizationPoint</i> object	43
9.10	Timing objects	45
9.10.1	<i>Clock</i> object	45
9.10.2	<i>SysClock</i> object	45
9.10.3	<i>Timer</i> object	46
9.11	Synchronization objects	47
9.11.1	<i>Synchronizable</i> object	47
9.11.2	<i>TimeSynchronizable</i> object	53
9.11.3	<i>TimeLine</i> object	57
9.11.4	<i>TimeSlave</i> object	58
9.12	Enhanced Property management	59
9.12.1	<i>PropertyInquiry</i> object	59
9.12.2	<i>PropertyConstraint</i> object	60
9.13	Creating PREMO objects	63
9.13.1	<i>GenericFactory</i> object	63
9.13.2	<i>FactoryFinder</i> object	64
10	Component specification	65
A	Overview of PREMO Foundation Object Types	66

B	Extensibility for PREMO objects.....	70
C	An example for event-based synchronization.....	71

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO/IEC 14478 may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

International Standard ISO/IEC 14478-2 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 24, *Computer graphics and image processing*.

ISO/IEC 14478 consists of the following parts, under the general title *Information technology — Computer graphics and image processing — Presentation Environment for Multimedia Objects (PREMO)*:

- *Part 1: Fundamentals of PREMO*
- *Part 2: Foundation Component*
- *Part 3: Multimedia Systems Services*
- *Part 4: Modelling, rendering and interaction component*

Annexes A and B form a normative part of this part of ISO/IEC 14478. Annex C is for information only.

Introduction

This part of ISO/IEC 14478 defines those object types and non-object types which belong to the Foundation Component. Any conforming PREMO implementation shall support these object types. The description of object types categories are given first and then the foundation object types in each category are described.

Information technology — Computer graphics and image processing — Presentation Environment for Multimedia Objects (PREMO) —

Part 2: Foundation Component

1 Scope

This part of ISO/IEC 14478 lists an initial set of object types and non-object types useful for the construction, presentation of, and interaction with multimedia information. This part is dependent on the PREMO object model defined in clause 8 of ISO/IEC 14478-1. The foundation component does not depend on any other components.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO/IEC 14478. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO/IEC 14478 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO/IEC 14478-1:1998, *Information technology — Computer graphics and image processing — Presentation Environment for Multimedia Objects (PREMO) — Part 1: Fundamentals of PREMO*.

ISO/IEC 11172 (all parts), *Information technology — Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s*.