
**Information technology — Coding of
audio-visual objects —**

**Part 4:
Conformance testing**

**AMENDMENT 40: ExtendedCore2D
conformance**

Technologies de l'information — Codage des objets audiovisuels —

Partie 4: Essai de conformité

AMENDEMENT 40: Conformité avec l'ExtendedCore2D



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Foreword

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Amendment 40 to ISO/IEC 14496-4:2004 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

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Part 4: Conformance testing

AMENDMENT 40: ExtendedCore2D conformance

At the end of Table 4 in 4.4.3.1, add the following Table, and renumber the first column.

N°	Feature	Reference of Test sequence and associated method
1	CacheTexture	CacheTexture_cache, CacheTexture_nocache
2	EnvironmentTest	EnvironmentTest
3	KeyNavigator	KeyNavigator
4	Storage	Storage
5	ExtendedReplace	xreplace

At the end of Table 6 in 4.4.3.3, add the following Table:

Name	Provider	Content
CacheTexture_nocache	Telecom ParisTech	Embeds a JPEG texture data in the BIFS stream without OD
CacheTexture_cache	Telecom ParisTech	Exercises expirationDate in the CacheTexture node. It shows how a texture can be stored in the player's cache for a given period of time and reused later on using a regular ImageTexture node pointing to the cache identifier
EnvironmentTest	Telecom ParisTech	This sequence shows how to use the EnvironmentTest node to monitor or query variable environments such as Width, Height or presence of touch screen
KeyNavigator	Telecom ParisTech	Usage of the KeyNavigator node to handle navigation keys (left, right, down, up, ok) and link them with existing sensors in the scene. This example only shows usage of KeyNavigator with TouchSensor
Storage	Telecom ParisTech	Usage of the Storage node to allow persistent storage in BIFS. The test will save the position of an object in the scene to the player cache, and restore this position if the scene is replayed in the next 10 seconds (lifetime of the cache)
XReplace	Telecom ParisTech	This sequence shows how to use the new ExtendedReplace command. Two types of commands are tested: <ul style="list-style-type: none"> - the first type replaces a field of a child of an MFNode field using an index value taken from another node field - the second type replaces a field value by a field value of another node

