

SYNOPSIS

124

Number and Title of the Indian Standard: IS/ISO/IEC 14496-6 : 2000

Information Technology – Coding of audio –visual objects — Part 6 : Delivery Multimedia Integration Framework (DMIF)

Scope: This part of ISO/IEC 14496 specifies the Delivery Layer of ISO/IEC 14496, which allows applications to transparently access and view multimedia streams whether the source of the streams is located on an interactive remote end-system, the streams are available on broadcast media or they are on storage media.

In this part of ISO/IEC 14496, the following aspects are covered:

DMIF communication architecture
DMIF-Application Interface (DAI) definition
URL semantic to locate and make available the multimedia streams

DMIF Default Signalling Protocol (DDSP) for remote interactive scenarios, and its related variations using existing native network signaling protocols

Information flows for player access to streams on remote interactive end-systems, from broadcast media or from storage media.

Salient features of content:

The MPEG Delivery Multimedia Integration Framework (DMIF) allows each delivery technology to be used for its unique characteristics in a way transparent to application developers. DMIF specifies the semantics for the DMIF Application Interface (DAI) in a way that it satisfies the requirements for both broadcast, local storage and remote interactive scenarios while maintaining uniformity across all cases.

c)Types/grades/classes, if any covered in the standard: NA

d) Disclaimer (to be automatically provided by the program/software): NA