SLOVENSKI STANDARD
SIST ETS 300 715 E1:2003

01-december-2003

Terminalska oprema (TE) – Prikaz izmenjave skriptov po MHEG (MHEG-SIR)

Terminal Equipment (TE); MHEG script interchange representation (MHEG-SIR)

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Terminal Equipment (TE) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This ETS was presented to ISO SC29 WG12 and has been approved for publication as an International standard under the number ISO/IEC 13522-3.

The title of this document in ISO is:

TITLE: Information technology - Coding of multimedia and hypermedia information - Part 3: - MHEG script interchange representation

This ETS was developed by ETSI PT63 jointly with ISO SC29 WG12.

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Introduction

Multimedia and Hypermedia information coding Experts Group (MHEG) part 1 (ISO/IEC 13522-1 [5]) is a generic International Standard/Recommendation, which specifies the coded representation of multimedia/hypermedia information objects (MHEG objects) for interchange as final form units within or across services and applications, by any means of interchange including local area networks, wide area telecommunication or broadcast networks, storage media, etc.

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ISO/IEC 13522 consists of the following parts, under the general title *Information technology - Coding of multimedia and hypermedia information*:

- *Part 1: Base notation*;
- *Part 3: MHEG script interchange representation*;
- *Part 4: Registration procedure for MHEG format identifier*;
- *Part 5: Support for base-level interactive applications*;
- *Part 6: Support for enhanced interactive applications*.

Annexes A to G form an integral part of this ETS.
Annexes H to L are for information only.

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1 Scope

The scope of this European Telecommunications Standard (ETS) is to extend the coded representation of the Multimedia and Hypermedia information coding Experts Group (MHEG) script object class defined by a part of ISO/IEC 13522, including ISO/IEC 13522-1 [5] and ISO/IEC 13522-5 [7].

This ETS specifies the MHEG script interchange representation (MHEG-SIR) for the contents of script objects, i.e. the encoding of the script data component of the MHEG script class.

MHEG engines are system or application components that handle, interpret and present MHEG objects. This ETS also specifies the semantics of interchanged scripts. These semantics are defined in terms of minimum requirements on the behaviour of MHEG engines that support the interpretation of interchanged scripts.

This ETS is applicable to all applications that interchange multimedia and hypermedia information.

2 Normative references

This ETS incorporates by dated and undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

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[1] ISO/IEC 8824-1 (1995)/ITU-T Recommendation X.680 (1995): "Information technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation".

[2] ISO/IEC 8825-1 (1994)/ITU-T Recommendation X.690 (1995): "Information technology - ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER)".

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[3] ISO/IEC 9646 Parts 1 to 5 (1991): "Information Technology - Open Systems Interconnection - Conformance testing methodology and framework".

[4] ISO/IEC 10646-1 (1993): "Information technology - Universal Multiple-Octet Character Set (UCS) - Part 1: Architecture and Basic Multilingual Plane".

[5] ISO/IEC 13522-1/ITU-T Recommendation T.171: "Information technology - Coding of Multimedia and Hypermedia Information: - Part 1: MHEG object representation - Base Notation".

[6] ISO/IEC 13522-4: "Information technology - Coding of Multimedia and Hypermedia Information: - Part 4: Registration procedure for MHEG format identifiers".

[7] ISO/IEC 13522-5: "Information technology - Coding of multimedia and hypermedia information - Part 5: Support for base-level applications".

[8] ISO/IEC 14750-1 Working Draft: "CORBA IDL as an Interface Definition Language for ODP Systems".

[9] IEEE 754-1985: "IEEE Standard for Binary Floating-Point Arithmetic".