**ISO/IEC JTC 1
Information Technology**

Document Type:	**New Work Item Proposal**
Document Title:	**New Work Item: Amendment (Amd1) to ISO/IEC 19775-2.2:2004**
Document Source:	**SC 24 Secretariat**
Reference:	
Document Status:	**This document is circulated to JTC 1 National Bodies for concurrent review. If the JTC 1 Secretariat receives no objections to this proposal by the due date indicated, we will so inform the SC 24 Secretariat**
Action ID:	**Act**
Due Date:	**2010-04-11**
No. of Pages:	**6**

Our ref.: DIH

Date: 2010-01-08

Secretariat of ISO/IEC JTC 1/SC 24

Computer graphics, image processing and environmental data representation''

Title:	New work item (NP): Amendment (Amd1) to ISO/IEC 19775-2.2: 2004
Source:	WG6 Convenor
Replaces:	--
Document Type:	NP for ballot
Project:	ISO/IEC 19775-2: 2004 Amd1
Status:	This document is circulated to SC24 P-members for ballot.
Action ID:	For ballot. Please use the electronic committee balloting application.
Due Date:	2010-04-08
Distribution:	P, O, L, Members Secretariat JTC 1, ITTF, SC 24 Chairman and WG Convenors
Date of Distribution:	2010-01-08
Distribution Medium:	Web

New Work Item Proposal

7 July 2009

PROPOSAL FOR A NEW WORK ITEM

Date of presentation of proposal: 2009-07-07	Proposer: ISO/IEC JTC 1/SC 24
Secretariat: BSI	ISO/IEC JTC 1 N XXXX ISO/IEC JTC 1/SC 24 N 3147

A proposal for a new work item shall be submitted to the secretariat of ISO/IEC JTC 1/SC 24, with a copy to the ISO Central Secretariat.
Presentation of the proposal - to be completed by the proposer.

Title Amendment to ISO/IEC 19775-2.2 X3D Scene access interface (SAI)
Scope The new work to be addressed is an amendment to The work to amend includes the following: 1) Improved consistency in the naming and typing of fields and functional interfaces within the Script node 2) Modifications to maintain consistency and compatibility with proposed changes to the X3D Abstract Specification (19775-1) 3) Other changes to improve overall document consistency **The intent is to produce a merged document incorporating the existing specification with the approved amendment.**

Purpose and justification

1) Improved consistency in the naming and typing of fields within the Script node

Several inconsistencies in the use of Script node fields (especially the overloading of names) have been identified. These inconsistencies lead to either incorrect or partial implementations of the specified functionality. A detailed review has identified several possible solutions. New text will be developed that is consistent and provides for full and consistent implementations.

2) Modifications to maintain consistency and compatibility with proposed changes to the X3D Abstract Specification (19775-1)

Additions and updates to 19775-1 may require changes to this document to support new features or maintain compatibility with existing capabilities. Draft text will be developed as necessary and submitted for this amendment.

3) Other changes to improve overall document consistency

As the changes described above are developed and mapped to the current text of the standard, additional consistency problems may be identified and should also be fixed. Suitable text for improving the current text will be developed, as necessary.

Programme of work

___ a single International Standard

___ more than one International Standard (expected number: ....)

_____ a multi-part International Standard consisting of .... parts

_X_ an amendment or amendments to the following International Standard(s):
ISO/IEC 19775-2.2

_____ a technical report, type ....
And which standard development track is recommended for the approved new work item?

_____a. Default Timeframe

__X_b. Accelerated Timeframe

_____c. Extended Timeframe

Relevant documents to be considered
ISO/IEC 19775-2.2
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Co-operation and liaison

Web3D Consortium

Preparatory work offered with target date(s)

SC 24 is prepared to undertake the preparatory work required for this new work item. This project begins at level 3 for all the standards to be amended. The schedule for the amendment is as follows:

PDAM ballot	FPDAM ballot	FDAM ballot	Publication
8/2010	3/2011	10/2011	4/2012

Signature:

Will the service of a maintenance agency or registration authority be required ...... NO ....
- If yes, have you identified a potential candidate? ....
- If yes, indicate name .. ...

Are there any known requirements for coding? ......NO............ - If yes, please specify on a separate page

Does the proposed standard concern known patented items? .... NO ....
- If yes, please provide full information in an annex

Are there any known accessibility requirements and/or dependencies?.... NO …..
- If yes, please specify on a separate page.
Are there any known requirements for cultural and linguistic adaptability?... NO .. …
- If yes, please specify on a separate page.

Comments and recommendations of the JTC 1 or SC 24 Secretariat - attach a separate page as an annex, if necessary

Comments with respect to the proposal in general, and recommendations thereon:

It is proposed to assign this new item to JTC 1/SC 24

Voting on the proposal - Each P-member of the ISO/IEC joint technical committee has an obligation to vote within the time limits laid down (normally three months after the date of circulation).

Date of circulation:	Closing date for voting:	Signature of Secretary:
2010-01-08	2010-04-08	David Hyde

NEW WORK ITEM PROPOSAL - PROJECT ACCEPTANCE CRITERIA		
Criterion	**Validity**	**Explanation**
A. Business Requirement		
A.1 Market Requirement	Essential _ **X** __ Desirable __ Supportive ___	The ISO/IEC 19775-2.2 standard is an essential component of several IT applications currently in use. The proposed amendment is essential to the successful operation of those applications and to the adoption of this standard by several additional market segments.
A.2 Regulatory Context	Essential __ _ Desirable ___ Supportive ___ Not Relevant **X**	
B. Related Work		

B.1 Completion/Maintenance of current standards	Yes _ **X** _ No___	ISO/IEC19775-2.2
B.2 Commitment to other organisation	Yes _ **X** _ No___	Web3D Consortium
B.3 Other Source of standards	Yes ___ No_ **X** _	
C. Technical Status		
C.1 Mature Technology	Yes _ **X** __ No__	The proposed additional technology is mature. Addition of these proposed amended items is essential to their use and completeness as well their continued longevity.
C.2 Prospective Technology	Yes __ No_ **X** _	
C.3 Models/Tools	Yes _X_ No___	Exemplar models and tools are available for demonstrating all capabilities and all changes
D. Conformity Assessment and Interoperability		
D.1 Conformity Assessment	Yes ___ No_ **X** _	
D.2 Interoperability	Yes ___ No_ **X** _	
E. Adaptability to Culture, Language, Human Functioning and Context of Use		
E.1. Cultural and Linguistic Adaptability	Yes___ No_ **X** _	
E.2. Adaptability to Human Functioning and Context of Use	Yes___ No_ **X** _	
F. Other Justification		