



ISO/IEC JTC 1 N9598

2009-06-11

Replaces:

ISO/IEC JTC 1 Information Technology

Document Type: Proposed NP

Document Title: SC 24 New Work Item Proposal for Amendment to ISO/IEC 18023-1:2006(E) — SEDRIS — Part 1: Functional specification

Document Source: SC 24 Secretariat

Project Number:

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: 2009-09-03

No. of Pages: 7

Our ref.: DIH

Date: 2009-06-03

Secretariat of ISO/IEC JTC 1/SC 24

Computer graphics, image processing and environmental data representation"

Title: New work item (NP): Amendment to ISO/IEC 18023-1: 2006 (18023-1 Amd1)

Source: WG6 Convenor

Replaces: --

Document Type: Text for NP ballot

Projects: ISO/IEC 18023-1: 2006 Amd1
Functional specification

Status: This document is circulated to SC24 P-members for ballot.
(Please note that a concurrent PDAM ballot is underway – see doc. N 3113)

Action ID: For ballot. Please use the electronic committee balloting application.

Due Date: 2009-09-03

Distribution: P, O, L, Members
Secretariat JTC 1, ITTF, SC 24 Chairman and WG Convenors

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New Work Item Proposal

8 May 2009

PROPOSAL FOR A NEW WORK ITEM

Date of presentation of proposal: 2008-06-26	Proposer: ISO/IEC JTC 1/SC 24
Secretariat: BSI	ISO/IEC JTC 1 N XXXX ISO/IEC JTC 1/SC 24 N 3112 ISO/IEC JTC 1/SC 24/WG 8 N 0492

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 18023-1:2006(E) —SEDRIS — Part 1: Functional specification
Scope The new work to be addressed is an amendment to <i>ISO/IEC 18023-1:2006(E)</i> , <i>SEDRIS – Part 1: Functional specification</i> . The work to amend ISO/IEC 18023 includes the following: 1) Improved consistency within ISO/IEC 18023-1 and corresponding standards. 2) Modifications to correctly interface with changes to <i>ISO/IEC 18026 – Spatial reference model (SRM)</i> . 3) Improved support for the recently established Registry of Items. 4) Correction of errors too minor to require a corrigendum. 5) Other improvements to the above standards that may be identified by JTC1/SC24/WG8 during the development of this work item. It is intended to publish this amendment in the form of a new edition.

Purpose and justification

1) Improved consistency within ISO/IEC 18023-1 and corresponding standards:

Since publication, use of ISO/IEC 18023-1:2006 has identified several inconsistencies between various clauses of ISO/IEC 18023, or with corresponding companion standards. These include internal inconsistencies, such as default values in Annex D and the specified constraint values in Clause 7, as well as corresponding inconsistencies with ISO/IEC 18025, ISO/IEC 18023-3, and/or ISO/IEC 18024-4. For example, the existing set of constraints specified in Clause 7 of ISO/IEC 18023-1 has proved to be accurate. However, inconsistencies in expression among the constraints have led to unnecessary confusion or incorrect default value specifications. A systematic review has revealed these inconsistencies, and therefore proposed new text has been developed to remove the identified inconsistencies. This should improve the understanding of the standard.

2) Modifications to correctly interface with changes to *ISO/IEC 18026 – Spatial reference model (SRM)*:

ISO/IEC 18026:2006 has been both amended and corrected with a series of corrigenda. Some of the changes in these documents require modification to ISO/IEC 18023-1:2006 which normatively references sections of ISO/IEC 18026:2006. These changes will ensure consistency between ISO/IEC 18023 and ISO/IEC 18026.

3) Improved support for the recently established Registry of Items:

ISO/IEC 18023-1:2006 provides for registering additional values for selection data types and additional set members for set data types. However, since the publication of ISO/IEC 18023-1:2006, the procedures for processing registered items have changed along with the location of the registry and its maintenance authority. These changes need to be reflected in the amendment text of ISO/IEC 18023-1.

4) Correction of errors too minor to require a corrigendum:

Since publication, use of ISO/IEC 18023 has identified several typographical and/or editorial errors in the text. While too unimportant to justify a corrigendum, they have been collected and will be applied as part of this amendment.

5) Other improvements to the above standard that may be identified by JTC1/SC24/WG8 during the development of this work item. :

As the amendments to ISO/IEC 18023-1 and its related standards are processed, it is possible that additional inconsistencies and/or errors will be identified. Any such should be corrected so that the standard is of the highest quality possible. No new functionality is expected to be added.

Programme of work

If the proposed new work item is approved, which of the following document(s) is (are) expected to be developed?

☐ a single International Standard

☐ more than one International Standard (expected number:)

☐ a multi-part International Standard consisting of parts

☒ an amendment or amendments to the following International Standard(s):
ISO/IEC 18023-1:2006(E) – SEDRIS – Part 1: Functional specification

☐ a technical report , type

And which standard development track is recommended for the approved new work item?

☐ a. Default Timeframe

☒ b. Accelerated Timeframe

☐ c. Extended Timeframe

Relevant documents to be considered

ISO 18026 Spatial reference model (SRM) and approved amendments and corrigenda.

Co-operation and liaison

The SEDRIS Organization,

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 stage 3 for all the standards to be amended (i.e. concurrent NP and PDAM ballots). The schedule for this amendment is as follows:

PDAM ballot June 2009	FPDAM ballot November 2009	FDAM ballot August 2010	Amendment publication December 2010
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Signature:

Will the service of a maintenance agency or registration authority be requiredNo.....

- If yes, have you identified a potential candidate?

- If yes, indicate name ..ISO Live Link ...

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:
2009-06-03	2009-09-03	David Hyde

NEW WORK ITEM PROPOSAL - PROJECT ACCEPTANCE CRITERIA		
Criterion	Validity	Explanation
A. Business Requirement		
A.1 Market Requirement	Essential <u>X</u> Desirable ____ Supportive ____	The implementations of the ISO/IEC 18023 standard is an essential component of several IT applications currently in use. The proposed amendment is essential to the successful operation of those applications.
A.2 Regulatory Context	Essential ____ Desirable ____ Supportive ____ Not Relevant <u>X</u>	
B. Related Work		

B.1 Completion/Maintenance of current standards	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	ISO/IEC 18023:2006(E) All Parts ISO/IEC 18024-4:2006(E)
B.2 Commitment to other organisation	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	The SEDRIS Organization
B.3 Other Source of standards	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
C. Technical Status		
C.1 Mature Technology	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	The technology is mature. Addition of these proposed amended items is essential to its use and completeness.
C.2 Prospective Technology	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
C.3 Models/Tools	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
D. Conformity Assessment and Interoperability		
D.1 Conformity Assessment	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
D.2 Interoperability	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
E. Adaptability to Culture, Language, Human Functioning and Context of Use		
E.1. Cultural and Linguistic Adaptability	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
E.2. Adaptability to Human Functioning and Context of Use	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
F. Other Justification		