ISO/IEC JTC 1/SC 24
Working Group 8
28th WG 8 Plenary Meeting

Brussels, Belgium
22 August 2012

These minutes document the activities of Working Group 8 at its twenty-eighth plenary meeting held at the CEN-CENELEC, Brussels, Belgium, 22 August 2012. These minutes record principally the 28th WG 8 Plenary meeting, but with additional items from other WG 8 meetings held during the week, where appropriate.

Sections 1 – 13: Minutes of the Meeting

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1. Introduction

This document records the minutes of the WG 8 Plenary meeting held on Wednesday, 22 August. Prior to the Plenary, other WG 8 meetings were held (see Appendix A for their agendas):

- A general work session

- A short EDCS Registry Meeting

The results of all these meetings were reported to the Plenary Meeting; hence these minutes include the significant points from all WG 8 meetings held during the week.

1.1 Welcome from Convenor

Because of recent and sudden changes in his health status, Dr. Jack Cogman, WG 8 Convenor, was unable to attend the meetings. Acting on behalf of Dr. Cogman, Mr. Farid Mamaghani opened the 28th WG 8 Plenary meeting at 1330 hours on 22 August and welcomed those present and those participating via web conferencing.

The purpose of the WG 8 Plenary meeting was to receive reports from NBs, Liaisons, Editors and Registry Rapporteurs, and to finalize the Recommendations to SC 24.

1.2 Adoption of agenda

The agendas adopted for the work session and plenary meetings are as shown in Appendix A. (Note, the order of items in the Tuesday morning agenda for the WG 8 working session was re-arranged to better accommodate the significant time zone difference for Dr. Hembree, who

participated via web conference. The 3D Landforms presentation was given first, followed by status of EDCS, SRM, 9973, Registry, and other topics on the list. Since the morning working session successfully covered all agenda items, the afternoon working session was cancelled. In addition, the Wednesday morning work item topics were covered during the Tuesday session, and therefore were only discussed very briefly during the Wednesday morning session.)

2. Attendance at the meetings

The following National Bodies were represented at the meetings. Further details are given in the attendance list in Appendix B.

Australia:	Mr. Peter Ryan
China	Dr. Tangli Liu
Japan	Mr. Masaki Aono
Korea:	Prof. Ha-Jine Kimn, SC 24 Chair
	Dr. Sanghyun Joo, ETRI
United Kingdom:	Mr. Martin Smith
United States:	Ms Laura Moore
	Dr. Richard. Puk, Document Editor, WG 6 Convenor

The following represented the category C liaison SEDRIS Organization:

Mr. Farid Mamaghani, Document Editor, Register Rapporteur
Dr. Paul Berner, Document Editor (via web conferencing)

Mr. Don Brutzman briefly participated, representing the Web3D Consortium.

3. Approval of meeting #27 Meeting minutes

The minutes of the 27th WG 8 Plenary meeting (WG 8 N0545) held at Rapid City, South Dakota, US, were approved, as presented.

4. Convenor's report

On behalf of Dr. Jack Cogman, Farid Mamaghani reported that the 2012 WG 8 Convenor's Report had been published (WG 8 N0563). Farid also read Dr. Cogman's open letter to SC 24 / WG 8 (N3374), which outlined the most recent status on WG 8 activities, as well as Jack's health status. Everyone expressed concern about Jack's health and conveyed their best wishes for improved health and a speedy recovery.

5. National body reports

There were no formally submitted reports from National Bodies to WG 8.

The Australian NB referred to its report (N3356) to SC 24 and noted that there have been no significant activities with respect to WG 8 work.

The Japan NB referred to its report (N3349) to SC 24 and, in addition, noted that Mr. Koreaki Fujimura has expressed concern on the status of the DRM Templates project.

The UK NB referred to its report to SC 24 and noted that there were no special issues with regards to WG 8 work.

The US NB referred to its report (N3358) to SC 24 and noted that US continues to be engaged in the work of WG 8 and supports WG 8 by providing editors or subject matter experts.

6. Proposed New Work Item for the standardization of 3D Landforms for Digital Nature Rendering

Dr. Sanghyun Joo of ETRI, South Korea, provided a presentation on the latest work at ETRI on 3D Landforms. The presentation was well received. Several questions were asked, and there was interest in learning more detail about the capabilities and tradeoffs in using the techniques that were presented. This discussion lead to a recommendation that a white paper on this topic, describing more of the details of the proposed approach and the constructs it proposes to standardize, would be valuable and informative. There was also discussion that there is a fit for many of the concepts in the 3D Landforms proposal within the SEDRIS DRM, and there should also be consideration for rendering the results using X3D. It was agreed that WG 8 will include a New Work Item (which can be accompanied with the white paper) in its recommendations to SC 24. However, whether this new work effort will be a new standard, some additions or modifications to the SEDRIS DRM, or some other approach will need to be determined after the white paper has been studied.

7. Liaison organization reports

7.1 TC 211

No one was in attendance from TC 211, and no report was submitted.

7.2 Digital Geographic Information Working Group (DGIWG)

No one was in attendance from the Digital Geographic Information Working Group, and no report was submitted. However, Ms. Laura Moore noted that, in relation to DGIWG, a meeting will be held in Turkey in October, and there is a proposal for GML as an embedding for NITF image format as implementation of 12087 BIIF.

7.3 SEDRIS Organization

Farid Mamaghani referred to the report submitted to SC 24 and WG 8 (N3388) and highlighted key aspects of the report, including the publication of several amendments, the significant on-going work on the EDCS and SRM standards, the modifications to the EDCS Registry software, and the need for submission of New Work Item Proposals to align the remaining suite of SEDRIS standards with the changes being incorporated into the EDCS and SRM standards. He presented a status of the on-going work (see Appendix F) and discussed the key details of the EDCS and SRM standards. He pointed out that while both the EDCS and SRM standards are at DIS ballot stage, minor issues on the EDCS have been noted and will be submitted as comments. However, since the comments are generally of editorial nature, the document should proceed from DIS ballot to publication. For the SRM standard, however, additional work remains on the rotation and terminology topics, among others, and that an FDIS stage may be needed after the DIS ballot completion. He presented the status of the EDCS Registry and provided a demonstration of the initial and on-going changes to the registry software to enable it to handle the new additions to the EDCS standard. He also reported that discontinuities in resources have had a serious and significant impact, especially in more actively progressing several existing tasks or in initiating new work.

7.4   SISO (Simulation Interoperability Standards Organization)

No one was in attendance from SISO, and no report was submitted. It was discussed that since in the last few years there has been no participation from SISO, SC 24 should formally contact SISO and inquire whether SISO still wishes to continue its relationship or should the relationship be terminated.

7.5   Web3D Consortium (Liaison to SC 24)

Mr. Don Brutzman was able to attend the WG 8 Plenary for a few minutes, however no report was submitted or discussed.

7.6   OGC (Open Geospatial Consortium)

No one was in attendance from the Open Geospatial Consortium, and no report was submitted.

8.   Editors' reports

8.1   ISO/IEC 18025: EDCS

The SEDRIS Organization status report covered the key issues with respect to the on-going EDCS work and, therefore, no additional report was needed.

8.2   ISO/IEC 18041-4: EDCS Language Binding

As reported in the SEDRIS Organization report, Dr. Richard Puk noted that there will need to be a New Work Item to make the EDCS Language Binding compatible with the revised Edition 2 of EDCS. He also noted that while preparing the EDCS standard several issues have been found in the current EDCS LB and these will be corrected/incorporated into the New Work Item.

8.3   ISO/IEC 18026: SRM

The SEDRIS Organization status report covered the key issues with respect to the on-going SRM work. In addition, Dr. Paul Berner (participating via web conferencing) emphasized some of the key topic areas that are currently being worked for the SRM standard.

8.4   ISO/IEC 18042-4: SRM Language Binding

As reported in the SEDRIS Organization report, Dr. Puk noted that there will need to be a New Work Item to make the SRM Language Binding compatible with the revised Edition 3 of SRM.

8.5   ISO/IEC 18023: SEDRIS and ISO/IEC 18024-4 SEDRIS Language Binding: C

Since the publication of the Amendments for SEDRIS Parts 1 and 3 in May 2012, there has been no additional work on these standards. However, as noted in the SEDRIS Organization report, Dr. Puk pointed out that there will need to be New Work Items to make these standards compatible with the revised versions of the EDCS and SRM standards.

8.6   ISO/IEC TR 24788: Templates for the SEDRIS DRM

As a result of significant changes in personnel and resources, which were noted in the Convenor's letter to SC 24 / WG 8, the work on this Technical Report cannot continue. Therefore, it is inevitable that the work on this TR will have to be cancelled.

8.7   ISO/IEC 9973: Procedures for registration of items

Dr. Puk and Mr. Mamaghani reported that, in April 2012, the DIS text for 9973, along with the Disposition of its CD Comments, were released by editors to be circulated for DIS ballot. The DIS text is currently in ballot, with an expected DIS ballot close date in Fall 2012.

9.   Registry rapporteur reports

9.1 EDCS

The SEDRIS Organization status report covered the key issues with respect to the EDCS Registry workload. A brief demonstration of the current changes being implemented for the EDCS Registry software was provided by Mr. Mamaghani that highlighted some of the new capabilities that are being added to the EDCS Registry interface to make it compliant and compatible with the on-going changes to the EDCS standard.

9.2 SRM

There have been no submissions to the SRM registry, hence there was no report.

9.3 SEDRIS

There have been no submissions to the SEDRIS registry, hence there was no report.

10.   Appointment of rapporteurs for registries

10.1 EDCS

Mr. F. Mamaghani was re-appointed as the EDCS registry rapporteur.

10.2 SRM

Mr. P. Berner was re-appointed as the SRM registry rapporteur.

10.3 SEDRIS

Mr. Y. Kwon was re-appointed as the SEDRIS registry rapporteur.

11.   WG 8 content in the draft SC 24 Business Plan for 2012-13

Since Dr. Cogman was unable to attend the meetings, discussion and work on the SC 24 Business Plan was deferred to SC 24 Chairman, and the results have been incorporated into the 2012-2013 SC 24 Business Plan (N3426).

12.   Recommendations to SC 24

A draft copy of the WG 8 recommendations, prepared before the meeting, was reviewed during the meeting with respect to the current and potential future programme of work, liaisons and administration.

12.1   Programme of Work

The updated programme of work was included in the Recommendations document, while taking into account the corresponding recommendations for progression to the next stage for each document or introduction of new work.

12.2   Liaisons

The liaisons were reviewed and included in the recommendations. The existing liaisons agreed to continue in that capacity.

12.3   Administration and Future Meetings

No changes were made to the Document Editors.

It is planned to continue holding future editing meetings as web conferences.

The next SC 24 plenary is planned to be held in Australia.

12.4   Final Recommendations

The WG 8 Recommendations to SC 24 Plenary were subsequently published as WG 8 N0566 (SC 24 N3389).

The SC 24 Resolutions, which incorporate the WG 8 Recommendations submitted to the SC 24 Plenary, have been published as SC 24 N3395r1.

13.   Review of action items

The group generated no new action items. The list of action items remains the same, as shown in Appendix C.

(For reference, action items beginning with 01- are from meeting #1, those beginning with 02- are from meeting #2, and so forth. Items shaded in grey were closed either during the year or at this meeting. Items missing from the list were closed at previous meetings).

14.   Close

Mr. F. Mamaghani adjourned the meeting at 1550 hours.

Respectfully submitted,

Farid Mamaghani
ISO/IEC JTC 1/SC 24/WG 8
Environmental Data Representation

Appendix A

Agendas for the WG 8 Meetings

A.1. WG 8 Meetings

The following WG 8 meetings were held during the week:

WG 8 Working Session	0900-1230 and 1330-1700, Tuesday, 21 August
EDCS Registry Meeting	1100-1230, Wednesday, 22 August
WG 8 Plenary	1330-1600, Wednesday, 22 August

The SC 24 Plenary meeting was held at 0930 on Friday, 24 August.

The published plan for the WG 8 meetings, together with those sessions for which web conferencing was used, is shown in section A.5 below.

The agenda items for the Tuesday morning WG 8 Working Session reflect the order in which the agenda items were covered to better accommodate the time zone difference for those participating via web conference. The Tuesday afternoon WG 8 Working Session was cancelled, since all topics were covered during the morning session. Since the status of the EDCS Registry was covered during the Tuesday Working Session, the EDCS Registry Meeting on Wednesday was a condensed review of the topics covered on Tuesday.

A.2. WG 8 Work Session

Tuesday, 21 August 0900-1230
a. Presentation on a proposed New Work Item for 3D Landforms for Digital Nature Rendering
b. Issues related to the EDCS revision
c. Issues related to the SRM revision
d. Issues related to the 9973 revision
e. EDCS Registry work load and changes to EDCS Registry interface
f. Results of ballots held since the 2011 Plenary in Rapid City
g. Status of the DRM Templates Project, TR 24788
h. ISO target date planner and its relationship to the WG 8 work programme
i. Draft recommendations to be forwarded to the WG 8 Plenary meeting
j. Report on Convenor's health and his open letter to SC 24 / WG 8

A.3. EDCS Registry Meeting

Wednesday, 22 August 1100 – 1230
a. Status of EDCS Registry work load and proposed items
b. Overview of changes to Registry interface to comply with EDCS Edition 2 changes

A.4. WG 8 28th Plenary Meeting

ISO/IEC JTC 1/SC 24
28th Working Group 8
Plenary Meeting
Wednesday 22 August 1330 - 1600

1. *Welcome*

2. *Roll call and introductions*

3. *Corrections to, and approval of, the minutes of the 27th meeting held in Rapid City*

4. *Convenor's report*

5. *National body reports*

6. *Proposed New Work Item for the standardization of 3D Landforms for Digital Nature Rendering*

7. *Liaison reports*

   - *DGIWG*

   - *SEDRIS*

   - *TC 211*

   - *Other*

8. *Editor reports*

   - *EDCS*

   - *SRM*

   - *SRM LB*

   - *SEDRIS*

   - *SEDRIS LB*

   - *DRM Templates*

9. *Report from the registry rapporteurs*

   - *EDCS*

   - *SRM*

   - *SEDRIS*

10. *Appointment of registry rapporteurs*

    - *EDCS*

    - *SRM*

    - *SEDRIS*

11. *Summary of WG 8 content in the draft SC 24 Business Plan for 2012-13*

12. *Discussion and approval of recommendations to SC 24*

13. *Review action items*

14. *Adjourn*

A.5. Meeting Plan

**Meeting Schedule for the SC 24 and Working Group meetings
At the CEN-CENELEC Management Centre, Brussels, Belgium on 19-24 August 2012**

	Sunday 19 August	Monday 20 August	Tuesday 21 August	Wednesday 22 August	Thursday 23 August	Friday 24 August
0830		Welcome And Registration 0830 – 0930	WG6 Working Session 09:00-12:30	WG6	WG6 Plenary 09:00-11:30	
			WG7 Working Session 09:00 – 11:30 Drafting (I) 11:30 – 12:30	WG7 Plenary 0900– 1100		SC 24 Plenary 09.30 – 13.30
			WG8 Working Session 0900 - 1230	WG8 EDCS Registry 1100 - 1230		
		WG9 Working Session 0930 – 1230				
1230 -1330		Lunch	Lunch	Lunch	Lunch	
1800	SC24 Mobile Graphics Study Group (NH Hotel du Grand Sablon) 1400-1700		WG6 Working Session (Cont.) 1330-1600		HOD/C Drafting Committee for Plenary	
			WG7 Drafting (II) 13:30 – 15:00			
			WG8 Working Session 1330 - 1700	WG8 Plenary 1330 - 1600		
		WG9 Working Session 1600 - 1700		WG9 Plenary 1600 - 1800		
			HOD/C and Liaison meeting 16.00 – 18.00			

Appendix B

List of Attendees

Name	Organization	E-Mail Address
Australia:		
Peter Ryan	HoD, DSTO Australia	Peter.Ryan@dsto.defence.gov.au
China:		
Tangli Liu	CESI HoD	liutangli@gmail.com
Japan:		
Masaki Aono	HoD	aono@tut.jp
Korea:		
Ha-Jine Kimn	SC 24 Chair	hjkimn@ajou.ac.kr hjkimn@hallym.ac.kr
Sanghyun Joo	ETRI	joos@etri.re.kr
United Kingdom:		
Martin Smith	HoD	msmith1@talktalk.net
United States:		
Laura Moore	HoD, National Geospatial-Intelligence Agency	laura.a.moore@nga.mil
Richard Puk	Document Editor, Intelligraphics Incorporated	puk@igraphics.com
SEDRIS Organization:		
Paul Berner (via web conferencing)	Document Editor, SRM Rapporteur	Berner@Consultant.com
Louis Hembree (via web conferencing)	Document Editor	hembree@razzolink.com
Farid Mamaghani	HoD, Document Editor, EDCS Rapporteur	farid@halcyon.com
Web3D Consortium:		
Don Brutzman	HoD	brutzman@nps.edu

Appendix C

Action Items
ISO/IEC JTC 1/SC 24/WG 8
Meeting #28, Brussels, Belgium, 22 Aug 2012

No.	Action Item	Assigned to	Due	Done	Comment
24-01	Investigate possible copyright issues by the Common Data Base project use of SRM and any other potential copyright issues. Report on specific instances, the scope of the problem, and recommend to WG 8 the action to be taken.	R. Cox, T. Gifford	31-Dec-08	25-Aug-11	9-Jul-09: No further action until the EDCS/DFDD issue with DGIWG has been resolved. 1-Jul-10: Put on hold until the copyright issue with the DGIWG DFDD has been resolved. 25 Aug 2011 Closed as it is now considered moot.
26-01	Enquire whether SISO reports have been received by SC 24 from Mr. Chris Rouget	J. Cogman	6-Aug-10	25-Aug-11	25- Aug-11 No contact from Chris Rouget
27-01	Contact the ISO Geodetic Registry Network to determine membership for liaising requirements.	L. Moore	30-Nov-11		
27-02	Continue investigation of all possible copyright issues with DGIWG DFDD.	R. Cox	31-Dec-11		

Appendix D
Convenor Letter to SC 24 / WG 8

Open Letter to SC 24/WG 8
WG 8 and SC 24 Plenary Meetings, Brussels, Belgium
20 - 24 August 2012

Dear Fellow Members of WG 8,

Normally, at this point in the WG 8 Plenary there is a Convenor's Presentation, during which I give an idea of what is likely to happen in the coming year, based on the current status, as described in the Convenor's Report.

This year, because I am not able to attend in person and have not even been able to generate a PowerPoint file, it is replaced by this Open Letter.

The major developments this year have been the completion of the EDCS DIS, the SRM DIS, and the 9973 DIS. All three DIS texts are currently out for ballot. Please remember to recommend your NB to review, and if appropriate, approve them.

The EDCS DIS includes several new additions to the standard, including how images/figures may now be used to help describe an EDCS Concept. This and other changes in EDCS have quite extensive implications, including the need to include these capabilities in the EDCS Registry. This will be described further in the EDCS Editors' report.

New additions have also been included in the SRM DIS. One of these is the important concepts of rotation and orientation, and the best way to specify these concepts is still the source of ongoing work by the SRM editing team. This will also be described further in the SRM Editors' report.

And the work on 9973 DIS improves the standardization of the registration processes and terms.

We were very sorry to hear from Youngsoo Kwon that his employer, CODIC, has been forced out of business and so he is unable to continue to work on the Templates project. It seems inevitable that the Technical Report Project for Templates for the SEDRIS DRM, which was focusing on a mapping between the DRM and X3D, will have to be cancelled.

I have not been able to attend these meetings in Brussels due to ill health, resulting from kidney failure. It is the same reason that prevented me from traveling to the Rapid City meetings last year; only this time my condition is worse. It is a condition that cannot be expected to improve except, perhaps, by a kidney transplant.

If my health remains the same, then in the coming months carrying out my responsibilities as a Convenor may be questionable. In that case, I am planning to offer my resignation at that point. I will continue to be active in WG 8, but cannot take a position where the working group is dependent on me.

Respectfully yours,

Jack Cogman

Convenor ISO/IEC JTC 1/SC 24/WG 8: Environmental Data Representation, 2012-07-24

Appendix E

Presentation on the 3D Landforms

New Work Item Proposal for 3D Landform of Digital Nature Modeling

Aug. 20-24, 2012 (ISO/IEC JTC1 SC24 WG8)

Sanghyun Joo (joos@etri.re.kr)
Sang Won Ghyme, IL Kwon Jeong

ETRI

Introduction

- Recently, digital nature environments are widely used in movies and games.
- They could be composed of roads, buildings, trees, streams, and mountains.
- Especially mountains are needed to be realistically drawn with complicate mountainous terrains in accordance with designer's intention.
- The mountains could be created by manipulating some elements at given noise meshes.

ETRI

Scope of the standard

1. Landform Sketching
   - Silhouette
   - Shadow
   - Boundary Up and Down
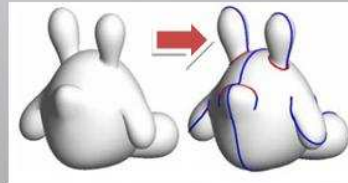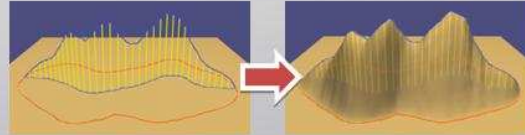
2. Noise Mesh
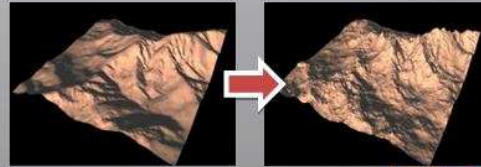
ETRI

Landform Sketching

- Sketch-based terrain mesh modeling
- User sketches 2D curves ➔ 3D outlines
- A landform-type terrain mesh generated from set of outlines
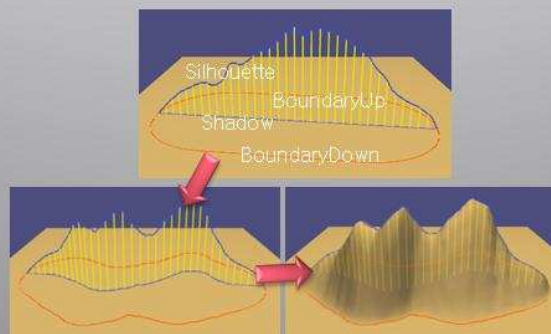
ETRI

Landform Sketching

- User sketches 2D curves
  - A series of 2D Points(x, y)
- 2D curves converted into 3D outlines
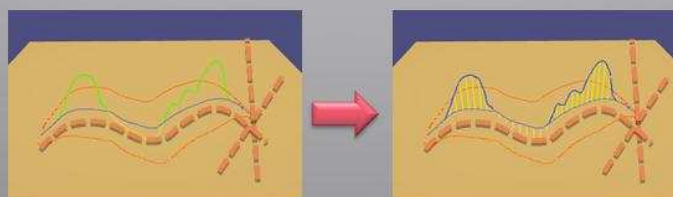 - Each 2D points projected into terrain plane
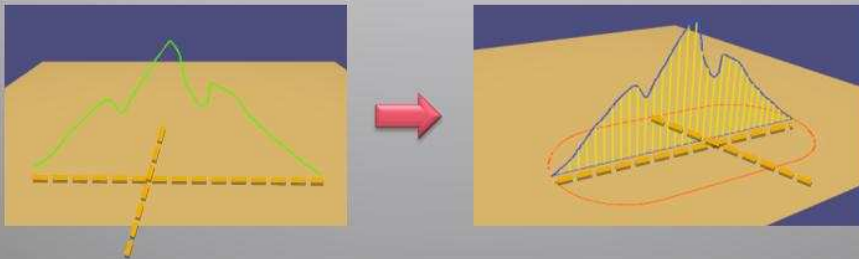
ETRI

Landform Sketching

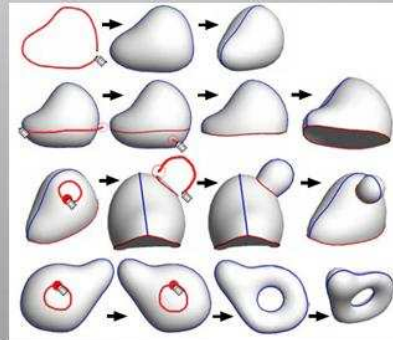- Each 2D points projected into silhouette plane
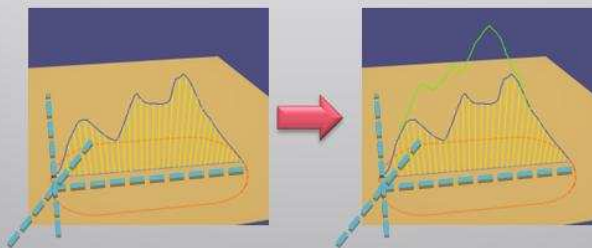
- Each 2D points projected into shadow plane
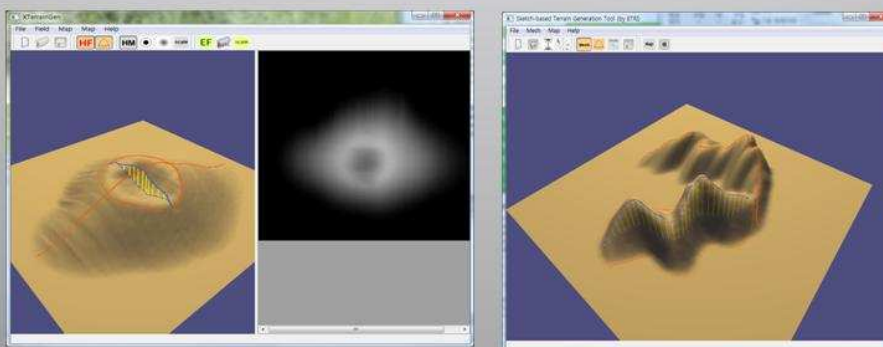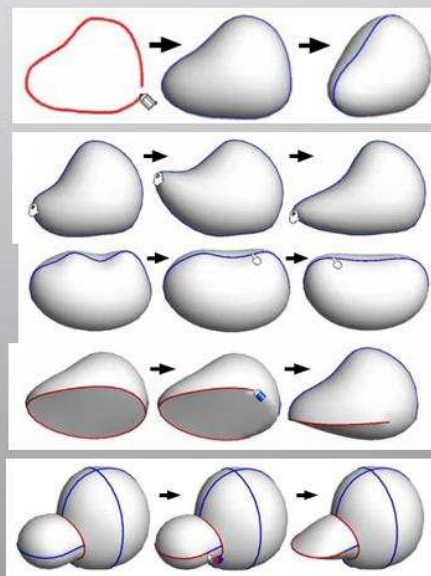

ETRI

Generic Sketching

- Sketch-based freeform mesh modeling
- User sketches 3D curves
- Sketching operations
  - Creation
  - Cut
  - Extrusion
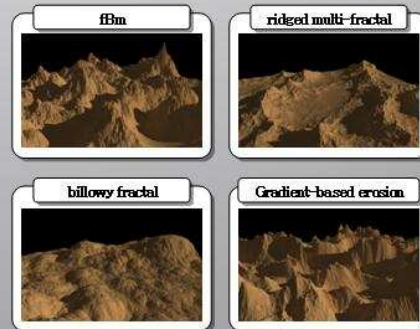 - Tunnel
  - Add Control Curve

ETRI

Generic Sketching

- Modeling modes
  - Sketching
  - Deformation
  - Rubbing
  - Erasing
  - Type Changing

ETRI

Noise Mesh Modeling

- Add Noise into Polygon or terrain model
- 4 kinds of noise functions
  - fBm
  - Ridged multi-fractal
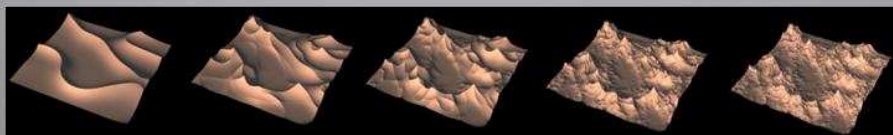 - Billowy fractal
  - Gradient-based erosion

ETRI

Noise Mesh

- Using wavelet noise instead of Perlin noise
  - Minimize aliasing and loss of detail

- Support noise-based super resolution
  - Provide Level of Details

ETRI

E-7

Conclusions

- Proposed 3D Landform for modeling of digital nature environments.
- At the first stage of standardization, the scope of the standard is restricted on describing Landform Sketching and Noise Mesh for targeting to create mountainous terrains.
- Additional elements for roads, trees, streams, buildings etc. should be investigated in the next stage.
- The description shall be used for creating any digital nature environments.

ETRI

Thank You !

ETRI

Appendix F

Status of SEDRIS Standards and EDCS Registry

Status
on
SEDRIS Standards and EDCS Registry

ISO/IEC JTC 1

SC 24 WG 8

Brussels, Belgium

22 August 2012

Farid Mamaghani

Topics

- Status of the EDCS standard (ISO/IEC 18025)
- Status of the SRM standard (ISO/IEC 18026)
- Updates to other SEDRIS standards to remain compatible with changes introduced in EDCS and SRM
- Status of EDCS Registry Submitted Items
- Changes required to EDCS Registry software

Status of the EDCS Standard

- DIS for Edition 2 of ISO/IEC 18025 (EDCS) is currently in ballot (ballot closes in September)
- During ballot review, several editorial and form/format errors have been uncovered in the DIS baseline
- These include spelling errors, missing fields in forms, missing hover-over text (html), and incorrect presentation of standardized profiles
- Comments will be submitted against the DIS to correct these defects
- Since none of the comments affect any of the standard's concepts, the standard should be moved from DIS to publication

Status of the SRM Standard

- DIS for Edition 3 of ISO/IEC 18026 (SRM) is currently in ballot (ballot closes in October)
- Several issues identified in FCD comments require further work to complete
- These include: improvements to the treatment of rotation and orientation concepts; consistent use of terminology and symbols across the standard
- Comments will be submitted against the DIS to address these remaining topics. Changes for rotation and orientation concepts will be provided as a replacement Clause 6
- Although these comments will not change any of the standard's concepts, the number or volume of the changes will appear relatively large, and therefore SC 24 should review the comments to determine whether the standard should be moved from DIS to FDIS or to publication

Status of the Other SEDRIS Standards

- Changes in both the SRM and the EDCS will require updates to their corresponding Language Bindings, as well as the other SEDRIS standards
- The following five new work item proposals will be generated and circulated to SC 24 in the next few months:
  - Edition 2 of SEDRIS Part 1 (ISO/IEC 18023-1)
  - Edition 2 of SEDRIS Part 3 (ISO/IEC 18023-3)
  - Edition 2 of SEDRIS Language binding (ISO/IEC 18024-4)
  - Edition 2 of SRM Language binding (ISO/IEC 18042-4)
  - Edition 3 of EDCS Language binding (ISO/IEC 18041-4)

EDCS Registry Operation Status

- EDCS registry began operation in June 2005

- In June 2008, the SC 24 Registry web site was moved from JITC to ISO

- Since 2009, all ISO/IEC JTC 1/SC 24 registries can be accessed through the MA/RA page of the ISO web site

- The following (more intuitive) URL was chosen and agreed to in 2009, and can be used to access the SC 24 registries:

  http://www.iso.org/jtc1/sc24/register

Rapporteur Group Members and Administrator

- Farid Mamaghani (rapporteur)

- Jack Cogman

- Louis Hembree

- Youngsoo Kwon

- Richard Puk

- Gary Wentz (administrator)

- Michele Worley (EDCS Editor and SME)

EDCS Registry Activity Summary

- Since June 2005 a total of 1498 items (including references) have been submitted for registration
- More than 100 web meetings have been conducted to review, adjudicate, and process the submitted items
- Of the total items, 898 have completed their process, resulting in 691 withdrawn or rejected items, and 207 registered items
- Of the remaining 600 items, 577 have completed review and are pending ballot preparation, and 23 items await further resolution/response from the submitter
- Within the limited resources available and priority being given to the progression of the 18025 and 18026 standards, the preparation of ballot packages for the completed 577 items has been delayed
- With 18025 and 18026 standards now nearing their final stage, the remaining will be released in the next few months for the one-month SC 24 ballot

Updates to the EDCS Registry Software

- Changes introduced in the EDCS standard require updates to the registry's software to make its capabilities compliant with the new Edition of the standard

- When the standard is published as Edition 2, the current online registry will switch to the new capabilities. This is still a few months away. But the impact and complexities of the changes require advance preparation and planning, and involve updates to the registry software in a number of key areas.

- These key changes are listed on the following slide.

Updates to the EDCS Registry Software (cont.)

- Support for browsing Figures, Abbreviations, and Profiles
- Capability to search new item types (e.g. Figure narratives, Profiles, etc.)
- Improvements to search, including: searching more than one field, better support for grep-style searches, better display of search results, ...
- Identifying whether an entry has a "Modification" and/or a "Clarification"
- Correcting existing registry defects (e.g. when displaying members of a Group, those entries that are proposed, registered, or deprecated are not distinguished currently; another example is errors in sort modes; ...)
- Improvements and changes to the database to support many of the above changes
- Modernization of the internals of the registry software to take advantage of more recent IT capabilities (for example, the current registry software uses .NET, which had introduced various bugs and problems; a more capable and robust framework, called Django will replace .NET)
- Improvements to user interface, including updates to display parameters, retaining user's choices for page size and selected holdings, etc.

Updates to the EDCS Registry Software (cont.)

- Changes to the registry software also uncovered defects and errors in the current standard that need to be corrected, including: incorrect display of standardized Profiles in the standard; spelling errors; other errors in the standard's text (e.g. incorrect hover-over text).

- Implementation of the changes to registry software involves various design options and trade offs, taking into account ramifications and impacts on users, and on the current and future underlying software, as well as the maintenance of the site and the database.

- A prototype of the new EDCS Registry has been implemented and is being revised, refined, and evaluated.