

Status report on **ISO 21127** update

55th joint meeting of the CIDOC CRM SIG,
48th FRBR/LRMoo SIG and ISO/TC46/SC4/WG9
6-9 December 2022

Updating [ISO 21127](#)

- **Goal**
 - Update ISO 21127 to more current community version, reflecting the work that has gone into the standard since it was last updated
- **Timeline**
 - 24-month schedule
 - Anticipated deadline: May 2024
- **Facilitators**
 - ISO TC46/SC4 - Technical Interoperability
 - Process being managed by Philippe Michon and Erin Canning with help and support of ISO TC46/SC4 Committee Manager

Current: [CIDOC CRM v 5.0.4](#) ; Proposed future: modified [CIDOC CRM v 7.1.2](#)

High-level summary of changes:

1. Ontology

- a. Added new classes and properties
- b. Deprecated overspecialized concepts

	v 5.0.4	v 7.1.2	Added	Deprecated
Classes	86	81	8	13
Properties	137	160	37	15

2. Documentation

- a. Representation of classes and properties in **first order logic notation**
- b. Scope notes reviewed; **citations & references** added to examples
- c. Expanded introductory materials: **additional explanatory text** clarifying the standard

3. Modifications

- a. Corrections; tracked with [Small Edits Form](#) and applied to 7.2.2 so captured for ongoing work

ISO Process (<https://www.iso.org/standard/85100.html>)

00 Preliminary	10 Proposal	20 Preparatory	30 Committee	40 Enquiry	50 Approval	60 Publication
			We're here! (Oct. 2022)	DIS Registered	Final text sent	Published!
✓	✓	✓	✓	DIS ballot: 12 weeks	Proofs sent	
				Respond to feedback	Confirmation	

**Waiting for ISO to trigger the ballot
(should be launched on December 22nd)**

SIG contribution - Review Committee

- If issues arise after the ballot:
 - Questions could be raised through the mailing list
 - Questions could be asked to one of our Review Committee expert:
 - Carlo Meghini (Logic and formal ontologies)
 - Gerald Hiebel (Geospatial and spatiotemporal information)
 - Mark Fichtner (Logic and reasoning)
 - Olivier Marlet (CIDOC CRM implementation and vulgarization)
 - Pat Riva (Standardization of semantic models)
 - Pavlos Fafalios (Collaborative scholarly workflow with semantic web technology)

Any questions, comments? Thank you!

- Erin Canning
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