

ISO 13120:2019 (E)

Health informatics — Syntax to represent the content of healthcare classification systems — Classification Markup Language (ClaML)

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Abbreviated terms
5	Conformance
6	Conventions
7	Classification markup language
7.1	Basis of the syntax
7.2	HTML inclusion
7.3	Electronic inserts
7.4	Informative addenda
7.5	ClaML implementation profile
7.6	XML Schema Definition
7.7	Semantic description of the Classification Markup Language
7.7.1	ClaML
7.7.1.1	General
7.7.1.2	Contents
7.7.1.3	Required attributes
7.7.1.4	Optional attributes
7.7.1.5	Examples
7.7.2	Classification
7.7.2.1	General
7.7.2.2	Contents
7.7.2.3	Required attributes
7.7.2.4	Optional attributes
7.7.2.5	Examples
7.7.3	Meta
7.7.3.1	General
7.7.3.2	Contents
7.7.3.3	Required attributes
7.7.3.4	Optional attributes
7.7.3.5	Examples
7.7.4	Identifier
7.7.4.1	General
7.7.4.2	Contents
7.7.4.3	Required attributes
7.7.4.4	Optional attributes
7.7.4.5	Examples
7.7.5	Title
7.7.5.1	General
7.7.5.2	Contents
7.7.5.3	Required attributes
7.7.5.4	Optional attributes

7.7.5.5	Examples
7.7.6	Authors
7.7.6.1	General
7.7.6.2	Contents
7.7.6.3	Required attributes
7.7.6.4	Optional attributes
7.7.6.5	Examples
7.7.7	Author
7.7.7.1	General
7.7.7.2	Contents
7.7.7.3	Required attributes
7.7.7.4	Optional attributes
7.7.7.5	Examples
7.7.8	Variants
7.7.8.1	General
7.7.8.2	Contents
7.7.8.3	Required attributes
7.7.8.4	Optional attributes
7.7.8.5	Examples
7.7.9	Variant
7.7.9.1	General
7.7.9.2	Contents
7.7.9.3	Required attributes
7.7.9.4	Optional attributes
7.7.9.5	Examples
7.7.10	ClassKinds
7.7.10.1	General
7.7.10.2	Contents
7.7.10.3	Required attributes
7.7.10.4	Optional attributes
7.7.10.5	Examples
7.7.11	ClassKind
7.7.11.1	General
7.7.11.2	Contents
7.7.11.3	Required attributes
7.7.11.4	Optional attributes
7.7.11.5	Examples
7.7.12	UsageKinds
7.7.12.1	General
7.7.12.2	Contents
7.7.12.3	Required attributes
7.7.12.4	Optional attributes
7.7.12.5	Examples
7.7.13	UsageKind
7.7.13.1	General
7.7.13.2	Contents
7.7.13.3	Required attributes
7.7.13.4	Optional attributes
7.7.13.5	Examples
7.7.14	Usage
7.7.14.1	General
7.7.14.2	Contents
7.7.14.3	Required attributes
7.7.14.4	Optional attributes
7.7.14.5	Examples
7.7.15	RubricKinds
7.7.15.1	General
7.7.15.2	Contents
7.7.15.3	Required attributes
7.7.15.4	Optional attributes
7.7.15.5	Examples
7.7.16	RubricKind
7.7.16.1	General
7.7.16.2	Contents

- 7.7.16.3 Required attributes
- 7.7.16.4 Optional attributes
- 7.7.16.5 Examples
- 7.7.17 Display
 - 7.7.17.1 General
 - 7.7.17.2 Contents
 - 7.7.17.3 Required attributes
 - 7.7.17.4 Optional attributes
 - 7.7.17.5 Examples
- 7.7.18 Modifier
 - 7.7.18.1 General
 - 7.7.18.2 Contents
 - 7.7.18.3 Required attributes
 - 7.7.18.4 Optional attributes
 - 7.7.18.5 Examples
- 7.7.19 ModifierClass
 - 7.7.19.1 General
 - 7.7.19.2 Contents
 - 7.7.19.3 Required attributes
 - 7.7.19.4 Optional attributes
 - 7.7.19.5 Examples
- 7.7.20 Class
 - 7.7.20.1 General
 - 7.7.20.2 Contents
 - 7.7.20.3 Required attributes
 - 7.7.20.4 Optional attributes
 - 7.7.20.5 Examples
- 7.7.21 ModifiedBy
 - 7.7.21.1 General
 - 7.7.21.2 Contents
 - 7.7.21.3 Required attributes
 - 7.7.21.4 Optional attributes
 - 7.7.21.5 Examples
- 7.7.22 ExcludeModifier
 - 7.7.22.1 General
 - 7.7.22.2 Contents
 - 7.7.22.3 Required attributes
 - 7.7.22.4 Optional attributes
 - 7.7.22.5 Examples
- 7.7.23 ValidModifierClass
 - 7.7.23.1 General
 - 7.7.23.2 Contents
 - 7.7.23.3 Required attributes
 - 7.7.23.4 Optional attributes
 - 7.7.23.5 Examples
- 7.7.24 Rubric
 - 7.7.24.1 General
 - 7.7.24.2 Contents
 - 7.7.24.3 Required attributes
 - 7.7.24.4 Optional attributes
 - 7.7.24.5 Examples
- 7.7.25 Label
 - 7.7.25.1 General
 - 7.7.25.2 Contents
 - 7.7.25.3 Required attributes
 - 7.7.25.4 Optional attributes
 - 7.7.25.5 Examples
- 7.7.26 Extended XHTML anchor element (a)
 - 7.7.26.1 General
 - 7.7.26.2 Contents
 - 7.7.26.3 Required attributes
 - 7.7.26.4 Optional attributes
 - 7.7.26.5 Examples
- 7.7.27 History

- 7.7.27.1 General
- 7.7.27.2 Contents
- 7.7.27.3 Required attributes
- 7.7.27.4 Optional attributes
- 7.7.27.5 Examples
- 7.7.28 SuperClass
- 7.7.28.1 General
- 7.7.28.2 Contents
- 7.7.28.3 Required attributes
- 7.7.28.4 Optional attributes
- 7.7.28.5 Examples
- 7.7.29 SubClass
- 7.7.29.1 General
- 7.7.29.2 Contents
- 7.7.29.3 Required attributes
- 7.7.29.4 Optional attributes
- 7.7.29.5 Examples
- 7.7.30 Fragment
- 7.7.30.1 General
- 7.7.30.2 Contents
- 7.7.30.3 Required attributes
- 7.7.30.4 Optional attributes
- 7.7.30.5 Examples
- 7.7.31 Include
- 7.7.31.1 General
- 7.7.31.2 Contents
- 7.7.31.3 Required attributes
- 7.7.31.4 Optional attributes
- 7.7.31.5 Examples
- 7.7.32 IncludeDescendants
- 7.7.32.1 General
- 7.7.32.2 Contents
- 7.7.32.3 Required attributes
- 7.7.32.4 Optional attributes
- 7.7.32.5 Examples

Annex A (informative) Examples of usage of ClaML

- A.1 Representing the dagger and asterisk system of ICD
- A.2 References to different languages
- A.3 Text containing repetition and layout

Annex B (informative) Suggested usage of ClaML attribute values

- B.1 General
- B.2 Class kind attribute values
- B.3 Usage kind attribute values
- B.4 Rubric kind attribute values

Annex C (informative) Different ways of modification

- C.1 General
- C.2 The “classical” way of modification
 - C.2.1 General
 - C.2.2 Schematic example (classical way)
 - C.2.3 XML example (classical way)
 - C.2.4 HTML output example (classical way)
 - C.2.5 Example for redundant modifier lists (classical way)
- C.3 The “Value Set” way of modification
 - C.3.1 General
 - C.3.2 Schematic example (Value Set way)
 - C.3.3 XML example (Value Set way)
 - C.3.4 HTML output example (Value Set way)