

DCM Datatypes Quick Reference Card

Name: DCM Datatypes Quick Reference
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These are the DCM Datatypes, inspired by ISO 21090, but used on a more abstract/ conceptual level. All these datatypes should be mappable to ISO 21090 or HL7 R1 DT or ...

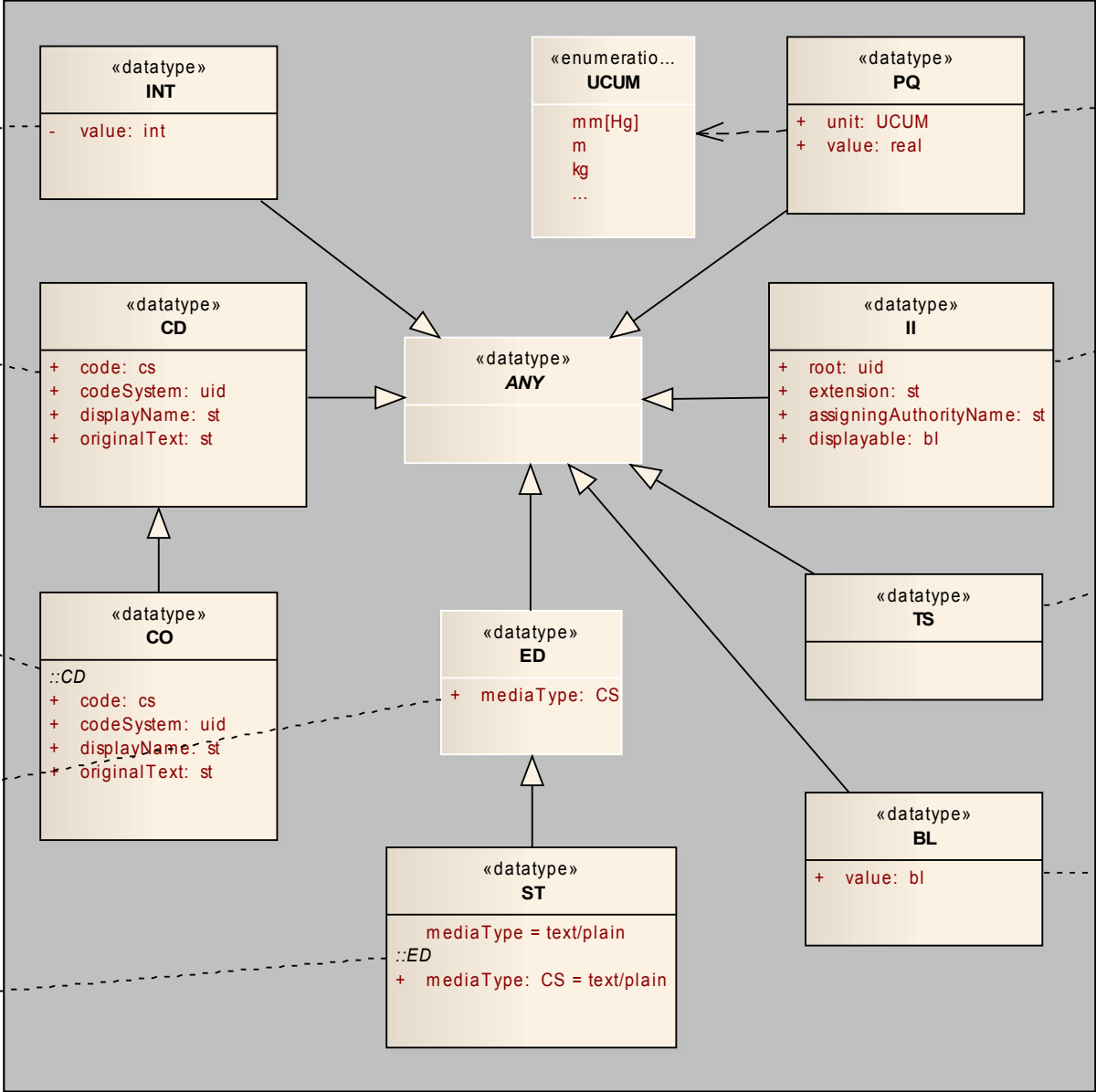
Integer
 Round numbers. E.g. used for the total score of an assessment scale.

Coded Descriptions
 For the option Other use the NullFlavor.OTH pattern. Add an <enumeration> <enum>.

Coded Ordinal
 Restricts/extends CD with the notion that you can calculate with the codes. E.g. The individual codes are actually scores that you can sum to get a total score. But still keep a Coded Description displayName.

Encoded Data
 Used for binary or encoded data. E.g. a scan of a written consent as a pdf (mediaType = application/pdf).

String
 A free text string of characters.



Physical Quantity
 For unit use UCUM
<http://aurora.regenstrief.org/~ucum/ucum.html>

Instance Identifier
 Used for a number in a defined number system, e.g. SSN to identify individuals, building id's to identify buildings or organisations.

Timestamp
 Can be used for time, date and timestamps. Also for incomplete dates, but also for things like "summer 2001".

Boolean
 Can be used for the patterns
 • true/false
 • yes/no
 and through the use of nullFlavor also for things like "unable to answer". Not that you can also combine this with <enumeration> so you can document what the actual "true" or "false" means.