**Glossary**

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2.8  [H](file:///C:\\Users\\Lisa\\Documents\\05%20Professional\\90%20HL7\\00%20Standard%20-%20TermInfo\\TermInfo%20Course%2020130506\\html\\infrastructure\\terminfo\\terminfo_glossary.htm" \l "glossary-h)

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2.15  [O](file:///C:\\Users\\Lisa\\Documents\\05%20Professional\\90%20HL7\\00%20Standard%20-%20TermInfo\\TermInfo%20Course%2020130506\\html\\infrastructure\\terminfo\\terminfo_glossary.htm" \l "glossary-o)

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2.25  [Y](file:///C:\\Users\\Lisa\\Documents\\05%20Professional\\90%20HL7\\00%20Standard%20-%20TermInfo\\TermInfo%20Course%2020130506\\html\\infrastructure\\terminfo\\terminfo_glossary.htm" \l "glossary-y)

2.26  [Z](file:///C:\\Users\\Lisa\\Documents\\05%20Professional\\90%20HL7\\00%20Standard%20-%20TermInfo\\TermInfo%20Course%2020130506\\html\\infrastructure\\terminfo\\terminfo_glossary.htm" \l "glossary-z)

1 Introduction to the Glossary

The HL7 Glossary provides "core" definitions of words and terms used throughout HL7 standards and documents. These definitions are maintained by the Modeling and Methodology (MnM) and Publishing Technical Committees (TC) and are identified in the glossary as "Core Glossary".

It should be noted that while the Modeling and Methodology and Publishing Technical Committees maintain the glossary definitions, the definitions themselves originate from within the various technical committees and special interest groups and are not constrained or vetted in any way by the MnM or Publishing TCs. It is expected that each committee and its balloters know their business best and that, should an imprecise or incorrect definition be put forward, it will be corrected through the domain balloting process.

It should further be noted that this glossary does not include all the definitions from the Reference Information Model (RIM) as the RIM definitions are already available in the RIM publication and are in context there.

Readers may also note that "core" definitions may be constrained or narrowed within the context of specific domains. For instance, the PM domain includes a definition for Person that is constrained from the RIM definition of Person. In these cases, the PM:Person is perfectly consistent with the RIM:Person, albeit as a specialized subset of the larger group. So while all instances of a PM:Person will also be members of RIM:Persons, not all instances of RIM:Person will fall within the group of PM:Persons.

The MnM and Publishing TCs encourage all members to review the definitions put forward by committees as part of the balloting process with an eye towards correcting and refining them as necessary and appropriate.

2 Alphabetic Index

2.1 A

**annotation**  
  
**Core Glossary:** A note following a [Domain Message Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain_message_information_model) (D-MIM) diagram that explains the D-MIM or the modeling behind the D-MIM.   
  
**ANSI**  
  
**Core Glossary:** [American National Standards Institute](http://www.ansi.org/)  
  
**application**  
  
**Core Glossary:** A software program or set of related programs that provide some useful healthcare capability or functionality.   
  
**application role**  
  
**Core Glossary:** An abstraction that expresses a portion of the messaging behavior of an information system.   
  
**artifact**  
  
**Core Glossary:** Any deliverable resulting from the discovery, analysis, and design activities leading to the creation of [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) specifications.   
  
**Assessment scale**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) a collection of observations that together yield a summary evaluation of a particular condition. Examples include the Braden Scale (used for assessing pressure ulcer risk), APGAR Score (used to assess the health of a newborn).   
  
**association**  
  
**Core Glossary:** A reference from one [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) to another class or to itself, or a connection between two [objects](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#object) (instances of classes).

For more information refer to the [**Relationships section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdlstructrelations) of the Version 3 Guide.

**association composition**  
  
**Core Glossary:** See [composite aggregation](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#composite_aggregation)  
  
**association role name**  
  
**Core Glossary:** A name for each end of an [association](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association). The name is a short verb phrase depicting the [role](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#role) of the [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) at the opposite end of the association from the perspective of the class adjacent to the role.   
  
**attribute**  
  
**Core Glossary:** An abstraction of a particular aspect of a [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class). Attributes become the data values that are passed in HL7 [messages](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message).

For more information refer to the [**Attributes section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdlattrib) of the Version 3 Guide.

**Attribute (HL7)**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) An abstraction of a particular aspect of a class. Attributes become the data values that are passed in HL7 messages. For more information refer to the Attributes section of the V3 Guide.   
  
**Attribute (SCT)**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) Attributes express characteristics of SNOMED CT concepts. Example: Concept Arthritis IS-A Arthropathy  
IS-A Inflammatory disorder  
FINDING-SITE Joint structure  
ASSOCIATED-MORPHOLOGY Inflammation  
In this example, Arthritis has two attributes: FINDING-SITE and ASSOCIATED-MORPHOLOGY. The value of the attribute FINDING-SITE is Joint structure. SNOMED CT concepts form relationships to each other through attributes.   
  
**attribute type**  
  
**Core Glossary:** A classifier for the meaning of an [attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute). In HL7 Version 3, attribute type is indicated by a suffix added to the attribute name.   
  
**Attribute (XML)**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) Attributes are used to associate name-value pairs with elements.   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.2 B

**bag**  
  
**Core Glossary:** A form of [collection](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#collection) whose members are unordered, and need not be unique.   
  
**blank**  
  
**Core Glossary:** One of the allowed values for [conformance requirements](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#conformance_requirement). Blank means that conformance for this element is to be negotiated on a site-specific basis.   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.3 C

**Canonical form**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) the standard or basic structure of a post coordinated expression, a set of linked concepts   
  
**CAP**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) The College of American Pathologists. A not-for-profit medical society serving nearly 16,000 physician members and the laboratory community throughout the world. The College of American Pathologists, In collaboration with the United Kingdom’s National Health Service, developed SNOMED Clinical Terms.   
  
**cardinality**  
  
**Core Glossary:** Property of a data element (the number of times a data element MAY repeat within an individual occurrence of an object view) or column in the [Hierarchical Message Description](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description) (the minimum and maximum number of occurrences of the [message element](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_element)).   
  
**Character Data**  
  
**Core Glossary:** Text in a particular coding (e.g., ASCII), as distinguished from binary data.  
  
**choice**  
  
**Core Glossary:** A [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) construct that includes alternative portions of the message. For a choice due to specialization, the sender picks one of the alternatives and sends it along with a flag.   
  
**choice due to specialization**  
  
**Core Glossary:** A choice that arises when a [Hierarchical Message Description](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description) includes (a) an object view which is associated with a [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) that is a [superclass](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#superclass) of two or more object views, or (b) an object view which is a superclass of one or more object views and MAY itself be instantiated. Under this circumstance different [message instances](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_instance) MAY contain different object views. The choice structure is used to accommodate the alternatives.   
  
**class**  
  
**Core Glossary:** An abstraction of a thing or concept in a particular application [domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain).

For more information refer to the [**Classes section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdlstructclasses) of the Version 3 Guide.

**classifier attribute**  
  
**Core Glossary:** An [attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute) used in [generalization hierarchies](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#generalization_hierarchy) to indicate which of the [specializations](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#specialization) is the focus of the [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) .

For more information refer to the [**Attributes section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdlattrib) of the Version 3 Guide.

**Clinical statement model HL7**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm)   
  
**clinical statement pattern**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm)   
  
**clinical statement project HL7**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm)   
  
**Clinical finding (SCT)**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) Concepts that represent the result of a clinical observation, assessment or judgment. These concepts are used for documenting clinical disorders and symptoms and examination findings.

Within the “clinical finding” hierarchy is the sub-hierarchy of “disease”. Concepts that are descendants of “disease” are always and necessarily abnormal.

Note: As expected, this definition includes concepts that would be used to represent HL7 Observations. However, it is worth noting that the definition of a finding in SNOMED CT is that it combines the question (see Observable entity) with the answering value.

**clone**  
  
**Core Glossary:** A [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) from the [Reference Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#reference_information_model) (RIM) that has been used in a specialized context and whose name differs from the RIM class from which it was replicated. This makes it possible to represent specialized uses of more general classes to support the needs of messaging.   
  
**CMET**  
  
**Core Glossary:** See [Common Message Element Type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#common_message_element_type).   
  
**CMET Message Information Model**  
  
**Core Glossary:** A form of [Refined Message Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#refined_message_information_model) (R-MIM) constructed to represent the totality of concepts embodied in the individual R-MIMs needed to support the definition of HL7's [Common Message Element Types](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#common_message_element_type).   
  
**C-MIM**  
  
**Core Glossary:** See [CMET Message Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#cmet_message_information_model).   
  
**coded attribute**  
  
**Core Glossary:** An [attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute) in the [Reference Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#reference_information_model) (RIM) with a base [data type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#data_type) of CD, CE, CS, or CV.   
  
**coding strength**  
  
**Core Glossary:** An [extensibility qualifier](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#extensibility_qualifier) that specifies whether or not a code set can be expanded to meet local implementation needs.   
  
**coding system**  
  
**Core Glossary:** A scheme for representing concepts using (usually) short [concept identifiers](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#concept_identifier) to denote the concepts that are members of the system; defines a set of unique concept codes. Examples of coding systems are [ICD-9](http://www.cdc.gov/nchs/icd9.htm), [LOINC](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#loinc) and [SNOMED.](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#snomed)  
  
**collection**  
  
**Core Glossary:** An aggregation of similar [objects](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#object). The forms of collection used by HL7 are [set](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#set) , [bag](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#bag), and [list](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#list). Objects which MAY be found in collections include [data types](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#data_type) and [message element types](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_element_type).   
  
**common message element type (CMET)**  
  
**Core Glossary:** A [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type) in a [Hierarchical Message Description](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description) (HMD) that MAY be included by reference in other HMD's.

For more information refer to the [**Common Message Element Types section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3gcmet) of the Version 3 Guide.

**composite aggregation**  
  
**Core Glossary:** A type of [association](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association) between [objects](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#object), indicating a whole-part relationship.   
  
**composite data type**  
  
**Core Glossary:** A [data type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#data_type) assigned to a [message element type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_element_type) that contains one or more components, each of which is represented by an assigned data type.   
  
**composite message element type**  
  
**Core Glossary:** A [message element type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_element_type) that contains subordinate heterogeneous [message types](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type).   
  
**concept identifier**  
  
**Core Glossary:** A unique identification assigned to a concept by the HL7 organization.   
  
**Concept (SCT)**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) A clinical concept to which a unique ConceptId has been assigned.   
  
**Concepts**   
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) a member of a terminology; a defined or limited vocabulary of terms or concepts, for example: ICD, SNOMED, LOINC.   
  
**conformance claim**  
  
**Core Glossary:** A [specification](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#specification) written by HL7 to precisely define the behavior of an application with respect to its HL7 interfaces, and which MAY be designated functional or technical. A functional conformance claim is simply a statement that an application conforms to a particular [application role](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#application_role). A technical conformance claim (also referred to as a Technical Statements of Performance Criteria) defines the behavior of an application in some other sense than the [messages](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) it sends or receives. This MAY include the [Implementation Technology Specifications](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#implementation_technology_specification) that it supports, the use of specific optional protocols or character sets, or many other behaviors.   
  
**conformance claim set**  
  
**Core Glossary:** A list of the identifiers of specific HL7 [conformance claims](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#conformance_claim), used by a [sponsor](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#sponsor) to describe the conformance of its application.   
  
**conformance requirement**  
  
**Core Glossary:** A column in the [Hierarchical Message Description](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description) (HMD) that designates whether the system SHALL communicate an [attribute's](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute) value if a value is available. Allowed values are [required](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#required) (must be included), not required (may be left out) or [not permitted](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#not_permitted) (may never be included.) Items listed as not required in the HL7 specification SHALL be declared by a vendor as either required or not permitted when a [conformance claim](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#conformance_claim) is asserted for that [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type).   
  
**conformance verb**  
  
**Core Glossary:** In HL7 Version 3 Specifications, the correct verb form for indicating a requirement is "SHALL." The correct verb form for indicating a recommendation is "SHOULD." The correct verb form for an option is "MAY."

Universally accepted standardization terminology does not recognize "must". Use "SHALL" to indicate a mandatory aspect or an aspect on which there is no option.

The negatives are SHALL NOT, SHOULD NOT, MAY NOT.

The Publishing Facilitator's Guide requires the Conformance Verbs to be capitalized when they are used to indicate conformance criteria, to differentiate from common usage of the words.

The source for this usage is [ANSI.](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#ansi)

**connection**  
  
**Core Glossary:** In an [information model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#information_model), a specified relationship between two [classes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) .   
  
**constraint**  
  
**Core Glossary:** Narrowing down of the possible values for an [attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute); a suggestion of legal values for an attribute (by indicating the [data type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#data_type) that applies, by restriction of the data type, or by definition of the [domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain) of an attribute as a subset of the domain of its data type). MAY also include providing restrictions on data types. A constraint imposed on an [association](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association) MAY limit the [cardinality](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#cardinality) of the association or alter the navigability of the association (direction in which the association can be navigated). A [Refined Message Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#refined_message_information_model) (R-MIM) [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) MAY be constrained by choosing a subset of its [Reference Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#reference_information_model) (RIM) properties (i.e., classes and attributes) or by cloning, in which the class’ name is changed.

For more information refer to the [**Constraints section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdlconstr) of the Version 3 Guide.

**Context model**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) concepts can be placed in defined or refined in specific contexts related to subject (e.g. subject of record, family member, disease contact, etc.), time, finding (e.g. unknown, present, absent, goal, expectation, risk, etc.) or procedure (e.g. not done, not to be done, planned, requested, etc)   
  
**control event wrapper**  
  
**Core Glossary:** A [wrapper](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#wrapper) that contains [domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain) specific administrative information related to the "controlled event" which is being communicated as a messaging interaction. The control event wrapper is used only in [messages](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) that convey status, or in commands for logical operations being coordinated between applications (e.g., the coordination of query specification/query response interactions).   
  
**coupling**  
  
**Core Glossary:** 1. An interaction between [systems](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#system) or between properties of a system.   
  
**Core Glossary:** 2. With regard to [application roles](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#application_role) , refers to whether or not additional information about the [subject classes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#subject_class) participating in a [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) may be commonly available to system components outside of the specific message.   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.4 D

**data type**  
  
**Core Glossary:** The structural format of the data carried in an [attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute). It MAY [constrain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#constraint) the set of values an attribute may assume.

For more information refer to the [**Data Types section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3gdt) of the Version 3 Guide.

**default value**  
  
**Core Glossary:** In HL7 [messages](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message), the value for an [attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute) that is to be used by message receivers if no value is given.   
  
**Diagnosis**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) result of a cognitive process whereby signs, symptoms, test results, and other relevant data are evaluated to determine the condition afflicting a patient, directs administrative and clinical workflow, where for instance the assertion of an admission diagnosis establishes care paths, order sets, etc., something that is billed for in a clinical encounter. In such a scenario, an application typically has a defined context where the billable object gets entered.   
  
**distal class**  
  
**Core Glossary:** From the perspective of a [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) in an [information model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#information_model), it is the class at the opposite end of an [association](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association) between the two.   
  
**D-MIM**  
  
**Core Glossary:** See [Domain Message Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain_message_information_model).   
  
**domain**  
  
**Core Glossary:** 1. A particular area of interest. For example, the domain for HL7 is healthcare.   
  
**Core Glossary:** 2. The set of possible values of a [data type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#data_type) , [attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute), or data type component. See also [vocabulary domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#vocabulary_domain) .   
  
**Core Glossary:** 3. A special interest group within HL7, such as Pharmacy, Laboratory, or Patient Administration.   
  
**domain expert**  
  
**Core Glossary:** An individual who is knowledgeable about the concepts in a particular problem area within the healthcare arena and/or is experienced with using or providing the functionality of that area.   
  
**Domain Message Information Model**  
  
**Core Glossary:** A form of [Refined Message Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#refined_message_information_model) (R-MIM) constructed to represent the totality of concepts embodied in the individual R-MIMs needed to support the communication requirements of a particular HL7 domain.

For more information refer to the [**Information Model section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdltypes) of the Version 3 Guide.

**domain name**  
  
**Core Glossary:** The name assigned to a [vocabulary domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#vocabulary_domain).   
  
**domain specification**  
  
**Core Glossary:** The specification of a [vocabulary domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#vocabulary_domain).   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.5 E

**entry point**  
  
**Core Glossary:** The point at which a [Common Message Element Type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#common_message_element_type) (CMET) is inserted into a [Refined Message Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#refined_message_information_model) (R-MIM).   
  
**event**  
  
**Core Glossary:** 1. A stimulus that causes a noteworthy change in the [state](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state) of an [object](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#object), or a signal that invokes the behavior of an object. See also [trigger event](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#trigger_event).   
  
**Core Glossary:** 2. A [vocabulary domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#vocabulary_domain) value for Mood.   
  
**Expression (SCT)**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) A collection of references to one or more concepts used to express an instance of a clinical idea.

An expression containing a single concept identifier is referred to as a pre-coordinated expression. An expression that contains two or more concept identifiers is a post-coordinated expression. The concept identifiers within a post-coordinated expression are related to one another in accordance rules expressed in the SNOMED CT Concept Model. These rules allow concepts to be:

* combined to represent clinical ideas which are subtypes of all the referenced concepts
* E.g. “tuberculosis” + “lung infection”
* applied as refinements to specified attributes of a more general concept.
* E.g. “asthma” : “severity” = “severe”

Notes: The SNOMED CT compositional grammar provides one way to represent an expression.

The HL7 messaging standard supports communication of SNOMED CT expressions using the “concept descriptor” (CD) data type.

**extensibility qualifier**  
  
**Core Glossary:** A [vocabulary domain qualifier](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#vocabulary_domain_qualifier) used in a [domain specification](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain_specification), which indicates whether or not the existing [vocabulary domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#vocabulary_domain) can be extended with additional values. There are two possible values: CNE (coded, no extension) and CWE (coded with extension).

For more information refer to the [**Vocabulary Domain Qualifiers section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3gvocabqualify) of the Version 3 Guide.

**Extensible Markup Language**  
  
**Core Glossary:** A meta-language that defines a syntax used to define other [domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain) -specific, semantic, structured markup languages. Based on SGML (Standard Generalized Markup Language), it consists of a set of rules for defining semantic tags used to mark up the content of documents. Abbreviated as XML.   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.6 F

**function point**  
  
**Core Glossary:** Any function, [user](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#user) transaction, or other [interaction](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction) or [event](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#event) in the [sponsor’s](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#sponsor) application which, when it occurs, does or may correspond to an HL7 [trigger event](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#trigger_event). Used to describe the conformance of an information system with the HL7 standard.   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.7 G

**generalization**  
  
**Core Glossary:** An [association](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association) between two [classes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class), referred to as [superclass](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#superclass) and [subclass](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#subclass), in which the subclass is derived from the superclass. The subclass inherits all properties from the superclass, including [attributes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute), relationships, and [states](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state), but also adds new ones to extend the capabilities of the parent class. Essentially, a [specialization](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#specialization) from the point-of-view of the subclass.

For more information refer to the [**Relationships section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdlstructrelations) of the Version 3 Guide.

**generalization hierarchy**  
  
**Core Glossary:** All [superclasses](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#superclass) and [subclasses](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#subclass) with a common root superclass.   
  
**graphical expression**  
  
**Core Glossary:** A visual representation of a [model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#model) that uses graphic symbols to represent the components of the model and the relationships that exist between those components.   
  
**grid view**  
  
**Core Glossary:** A complete view of the [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type) definition, which, due to its size, is presented in a scrollable format.   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.8 H

**Hierarchical Message Description**  
  
**Core Glossary:** A [specification](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#specification) of the exact fields of a [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) and their grouping, sequence, optionality, and [cardinality](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#cardinality). This specification contains [message types](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type) for one or more [interactions](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction), or that represent one or more [common message element types](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#common_message_element_type). This is the primary normative structure for HL7 messages.   
  
**HL7**   
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) Health Level 7   
  
**HMD**  
  
**Core Glossary:** See [Hierarchical Message Description](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description).   
  
**HTML**  
  
**Core Glossary:** Hypertext Markup Language, a specification of the [W3C](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#w3c) that provides markup of documents for display in a web browser  
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.9 I

**ICD(9 or 10)**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) International Classification of Diseases(version 9 or 10) is a terminology published by the National Center for Health Statistics which is a branch of the CDC.   
  
**identifier attribute**  
  
**Core Glossary:** An [attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute) used to identify an [instance](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#instance) of a [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class).

For more information refer to the [**Attributes section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdlattrib) of the Version 3 Guide.

**IHTSDO**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) The International Health Terminology Standards Development Organisation. An international organisation established as an association under Danish Law. It has responsibility for the ongoing maintenance, development, quality assurance, and distribution of SNOMED CT   
  
**implementation technology**  
  
**Core Glossary:** A technology selected for use in encoding and sending HL7 [messages](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message). For example, [XML](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#xml) is being used as an implementation technology for Version 3.   
  
**Implementation Technology Specification**  
  
**Core Glossary:** A [specification](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#specification) that describes how HL7 [messages](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) are sent using a specific [implementation technology](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#implementation_technology) . It includes, but is not limited to, specifications of the method of encoding the messages, rules for the establishment of [connections](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#connection) and transmission timing and procedures for dealing with errors.

For more information refer to the [**Implementation Technology Specifications section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3gits) of the Version 3 Guide.

**inclusion**  
  
**Core Glossary:** The [specification](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#specification) in the [Hierarchical Message Description](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description) indicating whether an element of a [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type) MAY be null in some [message instances](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_instance). Contrast this with conformance.   
  
**information model**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) a class model in object oriented programming   
  
**information model**  
  
**Core Glossary:** A structured [specification](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#specification), expressed graphically and/or narratively, of the information requirements of a [domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain). An information model describes the [classes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) of information required and the [properties](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#property) of those classes, including [attributes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute), relationships, and [states](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state). Examples in HL7 are the [Domain Reference Information Model,](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain_message_information_model)[Reference Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#reference_information_model), and [Refined Message Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#refined_message_information_model).

For more information refer to the [**Information Model section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdl) of the Version 3 Guide.

**inheritance**  
  
**Core Glossary:** In a [generalization](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#generalization) relationship, the [subclass](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#subclass) inherits all properties from the [superclass](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#superclass), including [attributes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute), relationships, and [states](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state), unless otherwise specified.   
  
**instance**  
  
**Core Glossary:** A case or an occurrence. For example, an instance of a [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) is an [object](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#object).   
  
**interaction**  
  
**Core Glossary:** A single, one-way information flow that supports a communication requirement expressed in a [scenario](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#scenario).   
  
**interaction diagram**  
  
**Core Glossary:** A graphical representation of communications between [application roles](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#application_role). An interaction diagram may also be referred to as a ladder diagram, sequence diagram, or storyboard interaction diagram.   
  
**interaction list**  
  
**Core Glossary:** A list of the [interactions](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction) that appear in an [interaction diagram](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction_diagram).   
  
**interaction model**  
  
**Core Glossary:** A [specification](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#specification) of the responsibilities of [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) senders and receivers.   
  
**interaction narrative**  
  
**Core Glossary:** A narrative description of each [interaction](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction) contained in an [interaction list](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction_list) .   
  
**internal data type**  
  
**Core Glossary:** An HL7 [data type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#data_type) defined to support the definition of other data types, but which may not be assigned as the type for a data field itself.   
  
**interoperability**  
  
**Core Glossary:** In this context, interoperability refers to the ability of two or more computer systems to exchange information.

* Main Entry: in·ter·op·er·a·bil·i·ty
  + Function: noun
  + Date: 1977
  + ability of a system (as a weapons system) to use the parts or equipment of another system
  + Source: Merriam-Webster web site
* interoperability
  + ability of two or more systems or components to exchange information and to use the information that has been exchanged.
  + Source: IEEE Standard Computer Dictionary: A Compilation of IEEE Standard Computer Glossaries, IEEE, 1990

“Functional” interoperability is the capability to reliably exchange information without error

“Semantic" interoperability is the ability to interpret, and, therefore, to make effective use of the information so exchanged.

In our context, "effective use" means that the information can be used in any type of computable algorithm (appropriate) to that information

**ITS**  
  
**Core Glossary:** See [Implementation Technology Specification](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#implementation_technology_specification).   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.10 J

**joint state**  
  
**Core Glossary:** A summarization of multiple partial [states](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state) in a [state machine](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state_machine).   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.11 K

2.12 L

**ladder diagram**  
  
**Core Glossary:** See [interaction diagram](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction_diagram).   
  
**life cycle**  
  
**Core Glossary:** See [state machine](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state_machine).   
  
**LIFO**  
  
**Core Glossary:** Last in-first out. See [push-down stack](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#push-down_stack).   
  
**list**  
  
**Core Glossary:** A form of [collection](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#collection) whose members are ordered, and need not be unique.   
  
**literary expression**  
  
**Core Glossary:** A representation of a [model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#model) in text. The literary expression seeks to balance the need for a rigorous, unambiguous description of the model with the need for a rendition that can be easily read and interpreted by individuals who understand the general concepts underlying object-oriented models, but who may not be schooled in formal model definition languages.   
  
**LOINC**  
  
**Core Glossary:** [Logical Observations, Identifiers, Names, and Codes](http://www.regenstrief.org/loinc)

**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) Logical Observation Identifiers Names and Codes is terminology with a focus on clinical and laboratory observtions maintained by The Regenstrief Institute (www.regenstrief.org)   
  
**loosely coupled**  
  
**Core Glossary:** Loosely coupled [application roles](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#application_role) do not assume that common information about the subject [classes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) participating in a [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) is available to system components outside of the specific message.   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.13 M

**mandatory**  
  
**Core Glossary:** If an [attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute) is designated as mandatory, all [message elements](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_element) which make use of this attribute SHALL contain a non-null value or they SHALL have a default that is not null. This requirement is indicated in the "mandatory" column in the [Hierarchical Message Description](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description).   
  
**mandatory association**  
  
**Core Glossary:** An [association](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association) with a [multiplicity](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#multiplicity) minimum greater than zero on one end. A fully mandatory association is one with a multiplicity minimum greater than zero on both ends.   
  
**markup**  
  
**Core Glossary:** Computer-processable annotations within a document. Markup encodes a description of a document’s storage layout and logical structure. In the context of HL7 Version 3, markup syntax is according to the [XML](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#xml) Recommendation.  
  
**Master Files**  
  
**Core Glossary:** Common lookup tables used by one or more application systems.   
  
**MAY**  
  
**Core Glossary:** The conformance verb MAY is used to indicate a possibility. See the [conformance verb](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#conformance_verb) definition for more information.  
  
**MDF**  
  
**Core Glossary:** See [Message Development Framework](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_development_framework).   
  
**message**  
  
**Core Glossary:** A package of information communicated from one application to another. See also [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type) and [message instance](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_instance).   
  
**Message Development Framework**  
  
**Core Glossary:** The collection of [models](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#model), methods, and tools that comprise the [methodology](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#methodology) for specifying HL7 Version 3 messages. This framework is used by the developers of the HL7 standards.   
  
**message element**  
  
**Core Glossary:** A unit of structure within a [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type).   
  
**message element type**  
  
**Core Glossary:** A portion of a [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type) that describes one of the elements of the [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message).   
  
**message instance**  
  
**Core Glossary:** A [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message), populated with data values, and formatted for a specific transmission based on a particular [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type).   
  
**message payload**  
  
**Core Glossary:** Data carried in a [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message).   
  
**message type**  
  
**Core Glossary:** A set of rules for constructing a [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) given a specific set of instance data. As such, it also serves as a guide for parsing a message to recover the instance data.   
  
**meta-model**  
  
**Core Glossary:** A [model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#model) used to specify other models. For example, the meta-model for a relational database system might specify elements of type ‘Table’, ‘Record’, and ‘Field.’.   
  
**methodology**  
  
**Core Glossary:** Methods or rules followed in a particular discipline.   
  
**MIME**  
  
**Core Glossary:** Multipurpose Internet Mail Extensions (MIME, [RFC 2046](http://www.ietf.org/rfc/rfc2046.txt))  
  
**model**  
  
**Core Glossary:** A representation of a [domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain) that uses abstraction to express the relevant concepts. In HL7, the model consists of a collection of [schema](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#schema) and other documentation.   
  
**model of meaning**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) the universal sematic representation of an expression, distinguised from the “model of use” which may have local interpretations or context, for example an application my place some clincial statements in a “Negative” column meaning “ruled out”. Those statements would have to be modified (transformed into a cannonical form) to be correctly understood when transmitted to a third party.   
  
**Model of use**   
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) the “model of use” may have local interpretations or context, for example an application my place some clincial statements in a “Negative” column meaning “ruled out”. Those statements would have to be transformed into a cannonical form to be correctly understood when transmitted to a third party. Distinguished from the “model of meaning” which stand on its own, which can be universally understood.   
  
**moodCode**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) The HL7 Act.moodCode is defined as “a code distinguishing whether an Act is conceived of as a factual statement or in some other manner as a command, possibility, goal, etc”.   
  
**multiplicity**  
  
**Core Glossary:** 1. In the [information model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#information_model), multiplicity is a [specification](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#specification) of the minimum and maximum number of [objects](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#object) from each [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) that can participate in an [association](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association). Multiplicity is specified for each end of the association.   
  
**Core Glossary:** 2. In the [Hierarchical Message Description](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description) (HMD), multiplicity depicts the minimum and maximum number of occurrences of a [message element](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_element) expression in a [collection](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#collection).   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.14 N

**navigability**  
  
**Core Glossary:** Direction in which an [association](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association) can be navigated (either one way or both ways).   
  
**negationInd**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) Act.negationInd is defined by HL7 as “An indicator specifying that the Act statement is a negation of the Act as described by the descriptive attributes”.   
  
**NHS**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) United Kingdom’s National Health Service   
  
**normal form**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) see cannonical form: the standard or basic structure of a post coordinated expression (set of linked concepts)   
  
**not permitted**  
  
**Core Glossary:** One of the allowed values in [conformance requirements](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#conformance_requirement). Abbreviated as NP, it means that the [message element](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_element) is never sent for that [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type).   
  
**null**  
  
**Core Glossary:** A value for a data element which indicates the absence of data. A number of “flavors” of null are possible and are enumerated in the [domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain) NullFlavor.   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.15 O

**object**  
  
**Core Glossary:** An [instance](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#instance) of a [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class). A part of an information system containing a collection of related data (in the form of [attributes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute)) and procedures (methods) for operating on that data.

For more information refer to the [**Classes section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdlstructclasses) of the Version 3 Guide.

**object identifier**  
  
**Core Glossary:** A scheme to provide globally unique identifiers. This object identifier (OID) scheme is an ISO standard (ISO 8824:1990), and has been adopted as a CSA standard (Z243.110).

The [HL7 OID Registry](http://www.hl7.org/oid/index.cfm) is available online.

**object identity**  
  
**Core Glossary:** The feature that the existence of an [object](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#object) is independent of any values associated with the object.   
  
**object-based**  
  
**Core Glossary:** Any method, language, or system that supports [object identity](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#object_identity), classification, and encapsulation. An object-based system does not support [specialization](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#specialization) . Ada is an example of an object-based implementation language.   
  
**Observable entity (SCT)**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) Concepts in this hierarchy represent a question about something which may be observed or measure. An observable entity combined with a result, constitutes a finding. For instance, the concept Left ventricular end-diastolic pressure (observable entity) in effect represent the question “What is the value of the left ventricular end diastolic pressure?” When Left ventricular end-diastolic pressure (observable entity) is given a value it represents a finding.

For example:

Increased left ventricular end-diastolic pressure is a finding with the value Increased. Left ventricular end-diastolic pressure combined with a separately expressed value such as 95 mmHg also behaves as a finding.

Note: This definition includes concepts that would be used to represent the code attribute of HL7 Observations.

**Observation**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) An Act of recognizing and noting information about the subject, and whose immediate and primary outcome (post-condition) is new data about a subject. Observations often involve measurement or other elaborate methods of investigation, but may also be simply assertive statements.

Discussion: Structurally, many observations are name-value-pairs, where the Observation.code (inherited from Act) is the name and the Observation.value is the value of the property. Such a construct is also known as a “variable” (a named feature that can assume a value); hence, the Observation class is always used to hold generic name-value-pairs or variables, even though the variable valuation may not be the result of an elaborate observation method. It may be a simple answer to a question or it may be an assertion or setting of a parameter. As with all Act statements, Observation statements describe what was done, and in the case of Observations, this includes a description of what was actually observed (“results” or “answers”); and those “results” or “answers” are part of the observation and not split off into other objects.

Note: This definition refers to the action rather than the outcome of the observation but in the discussion continues to refer to the “results” or “answers” as being a part of the observation. The general idea of an HL7 Observation therefore includes three distinct types of concept from a SNOMED CT perspection “Observable entities” (things that can be measured), “Measurement procedures” (a type of procedure used to make a measurement or observation) and “Clinical finding” (expressing both the name of the observation and its value).

**Observations**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm)   
  
**obsolescent message type**  
  
**Core Glossary:** A [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type) that has been marked for deletion in a future version of HL7.   
  
**obsolete message type**  
  
**Core Glossary:** A [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type), previously declared obsolescent, that has been removed or replaced in a particular version of HL7.   
  
**OID**  
  
**Core Glossary:** See [object identifier](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#object_identifier).   
  
**optional**  
  
**Core Glossary:** See [inclusion](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#inclusion).   
  
**Organizer**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) an object class in the HL7 Clinical Statement model, which can be an ActContainer, which is a navigational structure or heading used to group a set of acts sharing a common context, include such structures as folders, documents, document sections, and batteries. Values may be drawn from the SNOMED CT Care Record Elements hierarchy.   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.16 P

**partial state**  
  
**Core Glossary:** Part of a [state machine](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state_machine). A state machine MAY have multiple partial [states](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state) effective at the same time; the multiple partial states can be summarized to one [joint state](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#joint_state) of the state machine.   
  
**Patterns**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) a method or technique for solving a type of problem, an object model that is generally effective for a type of problem and can be easily adapted to your particular instance of the problem.   
  
**PMH**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) Past Medical History   
  
**post-coordination**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) the linking of concepts or terms to refine or qualify, to represent more precise meanings.   
  
**Postcoordination (HL7)**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) Representation of the meaning of a class by a combination of different attributes.

(could be single attribute within CD datatype / single class / multi class) Note: This definition is not stated in HL7 documents but is inferred from usage in relation to particular attributes like Procedure.methodCode and Procedure.targetSiteCode.

Contrast this with the definition of post-coordination in SNOMED CT documentation which refers to a collection of concept identifiers which may be applied to a single HL7 attribute.

**Postcoordination (SCT)**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) Representation of a clinical idea using a combination of two or more concept identifiers.

A combination of concept identifiers used to represent a single clinical idea is referred to as a post-coordinated expression (see expression). Many clinical ideas can also be represented using a single SNOMED CT concept identifier (see pre-coordination).

Some clinical ideas may be represented in several different ways. SNOMED CT technical specifications include guidance of logical transformations that reduce equivalent expressions to a common canonical form.

Example: SNOMED CT includes the following concepts: Fracture of bone (conceptId= 125605004)  
Finding site (conceptId= 363698007)  
Bone structure of femur (conceptId= 181255000)  
SNOMED CT also includes a pre-coordinated concept for this procedure  
Fracture of femur (conceptId= 71620000)

It is possible to represent “fracture of femur” in different ways: 71620000 (pre-coordinated expression) 125605004 : 363698007 = 181255000 (post-coordinated expression).

Note: In an HL7 representation a SNOMED CT expression is represented in a single HL7 attribute using the HL7 CD (Concept Descriptor) data type.

**Pre-coordination**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) creation of a new Concept in a terminiology, often a post-coordinated expression that links or qualifies several concepts.   
  
**Precoordination (HL7)**   
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) Representation of the meaning of a class by a single attribute. (as in SCT but also could cover single attribute post-coordination)

Note: This definition is not stated in HL7 documents but is inferred from usage in relation to particular attributes like Procedure.methodCode and Procedure.targetSiteCode.

Contrast this with the definition of pre-coordination in SNOMED CT documentation which implies a single concept identifier is used to represent a meaning.

**Precoordination (SCT)**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm)

Representation of a clinical idea using a single concept identifier.

A single concept identifier used to represent a specific meaning is referred to as a pre-coordinated expression (see expression). SNOMED CT also allows the use of post-coordinated expressions (see post-coordination) to represent a meaning using a combination of two or more concept identifiers.

However, including commonly used concepts in a pre-coordinated form makes the terminology easier to use.

For examples see post-coordination.

**predicate reference**  
  
**Core Glossary:** In the [Hierarchical Message Description](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description), a [message element](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_element) that is referred to in the predicate defining the conditional presence of another message element.   
  
**primitive data type**  
  
**Core Glossary:** A [data type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#data_type) that is defined as a single entity, and whose full semantic is contained in its definition.   
  
**primitive message element type**  
  
**Core Glossary:** A [message element type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_element_type) that contains a single datum, with no subordinate components. Examples include String and Number.   
  
**Problem**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) a clinical statement that a clinician chooses to add to a problem list.   
  
**Procedure (HL7)**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) An Act whose immediate and primary outcome (post-condition) is the alteration of the physical condition of the subject.

Discussion: Applied to clinical medicine, procedure is but one among several types of clinical activities such as observation, substance-administrations, and communicative interactions (e.g. teaching, advice, psychotherapy, represented simply as Acts without special attributes). Procedure does not subsume those other activities nor is procedure subsumed by them. Notably Procedure does not comprise all acts of whose intent is intervention or treatment. Whether the bodily alteration is appreciated or intended as beneficial to the subject is likewise irrelevant, what counts is that the act is essentially an alteration of the physical condition of the subject.

Note: This definition and the associated discussion exclude many activities which are subsumed by the more general sense of the word “procedure” which is used in the SNOMED CT definition.

**Procedure (SCT)**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) Concepts that represent the purposeful activities performed in the provision of health care. This hierarchy includes a broad variety of activities, including but not limited to invasive procedures (Excision of intracranial artery), administration of medicines (Pertussis vaccination), imaging procedures (Radiography of chest), education procedures (Instruction in use of inhaler), and administrative procedures (Medical records transfer).

Note: As expected, this definition includes concepts that would be used to represent HL7 Procedures. However, it also includes measurement procedures and actions that involve administration of a substance. Therefore, the code attribute of many HL7 Observations and SubstanceAdministration Acts may also be expressed using concepts from the SNOMED procedures hierarchy.

**property**  
  
**Core Glossary:** 1. Any [attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute), [association](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association), method, or [state](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state) model defined for a [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) or [object](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#object).   
  
**Core Glossary:** 2. In a [Hierarchical Message Description](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description) (HMD), the column that states the name of the class, attribute or [association role name](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association_role_name) as it appears in the [Reference Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#reference_information_model) (RIM).   
  
**push-down stack**  
  
**Core Glossary:** Also known as a “last in-first out” (LIFO) [list](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#list), a list maintained by a Technical Committee as it analyses the [Refined Message Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#refined_message_information_model) (R-MIM) and builds a [Hierarchical Message Description](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description), in which the last [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) added is always the first class removed. (A metaphoric reference to the spring-loaded plate carriers used in institutional dining halls, where the new plates added to the top of the stack push down the earlier plates, so the newest plate is taken off the stack first).   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.17 Q

**query**  
  
**Core Glossary:** Queries are the primary mechanism for retrieving information from computer systems. Many database management systems use the Structured Query Language (SQL) standard query format.  
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.18 R

**realm**  
  
**Core Glossary:** A [vocabulary domain qualifier](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#vocabulary_domain_qualifier) used in a [domain specification](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain_specification), which allows the [vocabulary domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#vocabulary_domain) of a [coded attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#coded_attribute) to be specialized according to the geographical, organizational, or political environment where the HL7 standard is being used.

For more information refer to the [**Vocabulary Domain Qualifiers section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3gvocabqualify) of the Version 3 Guide.

**receiver responsibility**  
  
**Core Glossary:** An obligation on an [application role](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#application_role) that receives an [interaction](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction)as defined in the [interaction model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction_model).   
  
**recursion**  
  
**Core Glossary:** An [association](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association) that leads from a [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) directly or indirectly back to that class.   
  
**Reference Information Model**  
  
**Core Glossary:** The HL7 [information model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#information_model) from which all other information models (e.g., R-MIMs) and [messages](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) are derived.

For more information refer to the [**Information Model section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdltypes) of the Version 3 Guide.

**Refined Message Information Model**  
  
**Core Glossary:** An information structure that represents the requirements for a set of [messages](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message). A [constrained](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#constraint) subset of the [Reference Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#reference_information_model) (RIM) which MAY contain additional [classes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) that are cloned from RIM classes. Contains those classes, [attributes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute), [associations](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association), and [data types](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#data_type) that are needed to support one or more [Hierarchical Message Descriptions](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description) (HMD). A single message can be shown as a particular pathway through the classes within an R-MIM.

For more information refer to the [**Information Model section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdltypes) of the Version 3 Guide.

**required**  
  
**Core Glossary:** One of the allowed values in [conformance requirements](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#conformance_requirement). Abbreviated as R, it means that the [message elements](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_element) SHALL appear every time that particular [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type) is used for an [interaction](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction). If the data is available, the element SHALL carry the data, otherwise a [blank](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#blank) MAY be sent.   
  
**responsibility**  
  
**Core Glossary:** An action required of the receiver of a [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message).   
  
**RIM**  
  
**Core Glossary:** See [Reference Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#reference_information_model).

**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm)   
  
**R-MIM**  
  
**Core Glossary:** See [Refined Message Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#refined_message_information_model).   
  
**R-MIM diagram**  
  
**Core Glossary:** A diagrammatic representation of a [Refined Message Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#refined_message_information_model) (R-MIM). Possible formats include [UML](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#uml) and the HL7 R-MIM graphic format.   
  
**role**  
  
**Core Glossary:** 1. A function or position.   
  
**Core Glossary:** 2. A [Reference Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#reference_information_model)[class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) that defines the competency of an Entity class. Each [role](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#role) is played by one Entity (the Entity that is in the role) and is usually scoped by another.   
  
**Core Glossary:** 3. In [UML](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#uml), each end of an [association](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association) is designated as a role to reflect the function that class plays in the association.   
  
**role name**  
  
**Core Glossary:** See [association role name](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association_role_name).   
  
**root class**  
  
**Core Glossary:** The [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) on which a [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) is based. Usually the root class for a family of messages is either the [subject class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#subject_class) or the class that will be first represented in the set of messages to be built.   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.19 S

**scenario**  
  
**Core Glossary:** A statement of relevant [events](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#event) from the problem [domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain), defined as a sequence of [interactions](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction). The scenario provides one set of interactions that the modeling committee expects will typically occur in the domain. Usually, a [sequence diagram](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#sequence_diagram) is constructed to show a group of interactions for a single [scenario](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#scenario). Each scenario is displayed as a subset of the [interaction model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction_model).   
  
**schema**  
  
**Core Glossary:** 1. A diagrammatic presentation, a structured framework, or a plan.   
  
**Core Glossary:** 2. A set of requirements that need to be met in order for a document or set of data to be a valid expression within the context of a particular grammar. For example, XML Schema is a [specification](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#specification) in SGML of the structure of a document or set of data.   
  
**schema view**  
  
**Core Glossary:** A link to the [schema](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#schema) used to validate XML messages that conform to a particular [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type).   
  
**scope**  
  
**Core Glossary:** 1. A definition of the range or extent of a project undertaken by a Technical Committee.   
  
**Core Glossary:** 2. A means of [constraining](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#constraint) a [role](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#role) (i.e. a role is “scoped by” an entity).   
  
**SCT**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) SNOMED-CT Systematic Nomenclature of Medicine Clinical Term   
  
**section**  
  
**Core Glossary:** In the HL7 Version 3 Guide, a method of grouping related information into [domains](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain). These domains include Infrastructure Management, Administrative Management, and Health & Clinical Management.   
  
**Semantic**  
  
**Core Glossary:** In the context of a technical specification, semantic refers to the meaning of something as distinct from its exchange representation. Syntax can change without affecting semantics.  
  
**semantic interoperability**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) a receiving application should be able to retrieve and process communicated information, in the same way that it is able to retrieve and process information that originated within that application.   
  
**sequence diagram**  
  
**Core Glossary:** See [interaction diagram](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction_diagram) .   
  
**set**  
  
**Core Glossary:** A form of [collection](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#collection) which contains an unordered [list](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#list) of unique elements of a single type.   
  
**SGML**  
  
**Core Glossary:** Standard Generalized Markup Language, ISO 8879:1986(E) as amended and corrected  
  
**SHALL**  
  
**Core Glossary:** The conformance verb SHALL is used to indicate a requirement. See the [conformance verb](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#conformance_verb) definition for more information.  
  
**SHOULD**  
  
**Core Glossary:** The conformance verb SHOULD is used to indicate a recommendation. See the [conformance verb](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#conformance_verb) definition for more information.  
  
**SiteCode**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) the Concept code for the location on the body of an observation or procedure   
  
**SNOMED**  
  
**Core Glossary:** [Systematized Nomenclature of Medicine](http://www.snomed.org/)

**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) Systematic Nomenclature of Medicine   
  
**specialization**  
  
**Core Glossary:** An [association](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association) between two [classes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) (designated [superclass](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#superclass) and [subclass](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#subclass)), in which the subclass is derived from the superclass. The subclass inherits all properties from the superclass, including [attributes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute), relationships, and [states](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state), but also adds new ones to extend the capabilities of the superclass.   
  
**specification**  
  
**Core Glossary:** A detailed description of the required characteristics of a product.   
  
**sponsor (of an application)**  
  
**Core Glossary:** In the context of [conformance claims](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#conformance_claim) , the vendor, in-house developer, or provider of public domain software for a healthcare information system.   
  
**state**  
  
**Core Glossary:** A named condition of a [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class)[instance](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#instance) ( [object](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#object)) that can be tested by examination of the instance's [attributes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute) and [associations](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association).

For more information refer to the [**Dynamic Behavior section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdlbehave) of the Version 3 Guide.

**state attribute**  
  
**Core Glossary:** An [attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute) describing the current [state](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state) of an [object](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#object).

For more information refer to the [**Attributes section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdlattrib) of the Version 3 Guide.

**state diagram**  
  
**Core Glossary:** A graphical representation of a [state transition model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state_transition_model) showing [states](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state) as vertices (nodes) and [state transitions](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state_transition) as directed arcs (arrows) between the nodes.   
  
**state flag**  
  
**Core Glossary:** A discrete value of a single enumerated [domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain) of partial [states](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state). State flags are included in a state [attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute) in a [message instance](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_instance) that indicates the [joint state](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#joint_state) of an object.   
  
**state machine**  
  
**Core Glossary:** A description of the life cycle for [instances](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#instance) of a [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class), defined by a [state transition model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state_transition_model).   
  
**state transition**  
  
**Core Glossary:** A change in the [state](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state) of an [object](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#object), as a result of a change in its [attributes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute) or [associations](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#association).

For more information refer to the [**Dynamic Behavior section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3ginfomdlbehave) of the Version 3 Guide.

**state transition model**  
  
**Core Glossary:** A graphical representation of the life cycle of a [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class). The [model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#model) depicts all of the relevant [states](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state) of a class, and the valid transitions from state to state.   
  
**steward committee**  
  
**Core Glossary:** The Technical Committee within HL7 which has primary responsibility for specifying properties for a [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) in the [Reference Information Model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#reference_information_model) (RIM). The steward committee must be consulted on any proposed changes to the properties of classes under its stewardship.   
  
**stewardship representative**  
  
**Core Glossary:** An individual member of the [steward committee](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#steward_committee), authorized by the committee to speak on behalf of the committee, and to represent the interests of the steward committee.   
  
**storyboard**  
  
**Core Glossary:** A narrative of relevant [events](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#event) defined using [interaction diagrams](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction_diagram)or use cases. The storyboard provides one set of [interactions](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction) that the modeling committee expects will typically occur in the [domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain).   
  
**storyboard diagram**  
  
**Core Glossary:** See [interaction diagram](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction_diagram).   
  
**structural attribute**  
  
**Core Glossary:** An [attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#attribute) whose coded values are needed to fully interpret the [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) with which it is associated.   
  
**stylesheet**  
  
**Core Glossary:** A file that describes how to display an XML document of a given type  
  
**subclass**  
  
**Core Glossary:** A [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) that is the [specialization](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#specialization) of another class ([superclass](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#superclass)).   
  
**subject area**  
  
**Core Glossary:** A convenient aggregation of [model](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#model)[classes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) used to partition large models into manageable subsets.   
  
**subject class**  
  
**Core Glossary:** A [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) that a Technical Committee designates as the central focus of a [collection](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#collection) of [messages](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message).   
  
**sub-section**  
  
**Core Glossary:** In the HL7 Version 3 Guide, a [section](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#section) within a major section.   
  
**sub-state**  
  
**Core Glossary:** An identifiable [state](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state) of a [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) that has a more specific definition than, and is entirely encompassed within the scope of, its [super-state](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#super-state).   
  
**superclass**  
  
**Core Glossary:** A [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) that is the [generalization](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#generalization) of one or more other classes ([subclasses](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#subclass)).   
  
**super-state**  
  
**Core Glossary:** A [state](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#state) of a [class](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#class) that encompasses two or more independent [sub-states](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#sub-state).   
  
**surface form (of a concept)**  
  
**Core Glossary:** A code value or textual description that represents a concept identified by an HL7 [concept identifier](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#concept_identifier). There MAY be many different surface forms associated with a single concept identifier.   
  
**system**  
  
**Core Glossary:** 1. An end user [application.](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#application)  
  
**Core Glossary:** 2. In HL7, a group of [messages](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) that work together.   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

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**table view**  
  
**Core Glossary:** An expression of the [Hierarchical Message Description](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description) (HMD) common and [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type) definition condensed in size to fit on a printed page.   
  
**TermInfo**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) A project started by NASA and adopted by HL7 Vocabulary Committee to define how to use SNOMED in HL7 RIM record transfers.   
  
**Terminology (model)**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) a defined or limited vocabulary of terms or concepts, for example: ICD, SNOMED, LOINC.   
  
**Terms**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) a member of a terminology; a defined or limited vocabulary of terms or concepts, for example: ICD, SNOMED, LOINC.   
  
**tightly coupled**  
  
**Core Glossary:** Tightly coupled [application roles](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#application_role) assume that common information about the [subject classes](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#subject_class) participating in a [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) is available to system components outside of the specific message.   
  
**transaction**  
  
**Core Glossary:** A complete set of [messages](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) for a particular [trigger event](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#trigger_event), e.g., a message and a response.   
  
**transport wrapper**  
  
**Core Glossary:** A [wrapper](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#wrapper) that contains information needed by a sending [application](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#application) or [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) handling service to route the [message payload](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_payload) to the designated receiver. All HL7 Version 3 messages SHALL have an appropriately configured transport wrapper.   
  
**trigger event**  
  
**Core Glossary:** An [event](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#event) which, when recorded or recognized by an [application](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#application), indicates the need for an information flow to one or more other applications, resulting in one or more [interactions](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#interaction).   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.21 U

**UML**  
  
**Core Glossary:** See [Unified Modeling Language](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#unified_modeling_language).   
  
**uncertaintyCode**  
  
**Defined in** [**Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5:**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo.htm) The Act.uncertaintyCode is defined by HL7 as “A code indicating whether the Act statement as a whole, with its subordinate components has been asserted to be uncertain in any way.”   
  
**Unified Modeling Language**  
  
**Core Glossary:** A language for the creation of [domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#domain)[models](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#model). [UML](http://www.uml.org) was created in order to unify several well-known object-oriented modeling [methodologies](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#methodology), including those of Booch, Rumbaugh, Jacobson, and others.   
  
**union message**  
  
**Core Glossary:** A [message type](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_type) that contains the elements of several [message](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message) structures drawn from the same [Hierarchical Message Description](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description). A union message includes all the [message elements](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_element) that SHALL be sent from one [application role](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#application_role) to all other application roles in response to a [trigger event](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#trigger_event).   
  
**user**  
  
**Core Glossary:** In the context of [conformance claims](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#conformance_claim), the organization that uses an [application](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#application). This is frequently the buyer but in some cases the user and [sponsor](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#sponsor) organizations may be parts of the same organization, or otherwise have a business relationship other then vendor-buyer.   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.22 V

**Version 3 Guide**  
  
**Core Glossary:** A companion to the Version 3 Standard which contains the [methodological](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#methodology) information an HL7 member needs to understand the Version 3 standard.   
  
**Valid Document**  
  
**Core Glossary:** A document which meets all of the validity constraints in the XML Specification  
  
**value set**  
  
**Core Glossary:** A [vocabulary domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#vocabulary_domain) that has been [constrained](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#constraint) to a particular [realm](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#realm) and [coding system](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#coding_system).   
  
**vocabulary**  
  
**Core Glossary:** The set of valid values for a [coded attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#coded_attribute) or field.

For more information refer to the [**Vocabulary section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3gvocab) of the Version 3 Guide.

**vocabulary domain**  
  
**Core Glossary:** The set of all concepts that can be taken as valid values in an [instance](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#instance) of a [coded attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#coded_attribute) or field; a [constraint](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#constraint) applicable to code values.

For more information refer to the [**Vocabulary Domains section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#mbf4vocabudomrim) of the Version 3 Guide.

**vocabulary domain qualifier**  
  
**Core Glossary:** Part of a [vocabulary domain specification](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#vocabulary_domain_specification). The two existing qualifiers are [extensibility](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#extensibility_qualifier) and [realm](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#realm).

For more information refer to the [**Vocabulary Domain Qualifiers section**](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\help\v3guide\v3guide.htm#v3gvocabqualify) of the Version 3 Guide.

**vocabulary domain specification**  
  
**Core Glossary:** A column in the [Hierarchical Message Description](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#hierarchical_message_description) that specifies the [vocabulary domain](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#vocabulary_domain) associated with a [coded attribute](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#coded_attribute).   
  
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2.23 W

**W3C**  
  
**Core Glossary:** [The World Wide Web Consortium, an international industry consortium](http://www.w3c.org/)   
  
**W3C Schema**  
  
**Core Glossary:**

The three-part schema specification issued by the W3C

* [XML Schema Part 0: Primer , W3C Recommendation, 2-May-2001](http://www.w3.org/TR/xmlschema-0/)
* [XML Schema Part 1: Structures, W3C Recommendation, 2-May-2001](http://www.w3.org/TR/xmlschema-1/)
* [XML Schema Part 2: Datatypes, W3C Recommendation, 2-May-2001](http://www.w3.org/TR/xmlschema-2/)

**Well-formed document**  
  
**Core Glossary:** A document which meets all of the well-formedness constraints in the XML Specification  
  
**wrapper**  
  
**Core Glossary:** The control or envelope information in which the [message payload](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#message_payload) resides. See [transport wrapper](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#transport_wrapper) and [control event wrapper](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#control_event_wrapper) .   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.24 X

**XHTML**  
  
**Core Glossary:** [XHTML 1.0. A Reformulation of HTML 4 in XML 1.0. W3C Recommendation 26-January-2000, revised 1 August 2002](http://www.w3.org/TR/xhtml1/)  
  
**XML**  
  
**Core Glossary:** See [Extensible Markup Language](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#extensible_markup_language).   
  
**XML Declaration**  
  
**Core Glossary:** An XML document consists of a prolog, root document element, and other objects. A data object is an XML document if it is well-formed, as defined in the XML specification.   
  
**XSL**  
  
**Core Glossary:** [Extensible Style Language, a specification of the W3C](http://www.w3.org/Style/XSL/%29) An XSL stylesheet specifies the presentation of a class of XML documents by describing how an instance of the class is transformed into an XML document that uses the formatting vocabulary.  
  
**XSLT**  
  
**Core Glossary:** [XSL transformation language, a specification of the W3C](http://www.w3.org/TR/xslt/) A language for transforming XML documents into other XML documents.   
  
[(Return to glossary index)](file:///C:\Users\Lisa\Documents\05%20Professional\90%20HL7\00%20Standard%20-%20TermInfo\TermInfo%20Course%2020130506\html\infrastructure\terminfo\terminfo_glossary.htm#contents)

2.25 Y

2.26 Z

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| --- | --- |
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