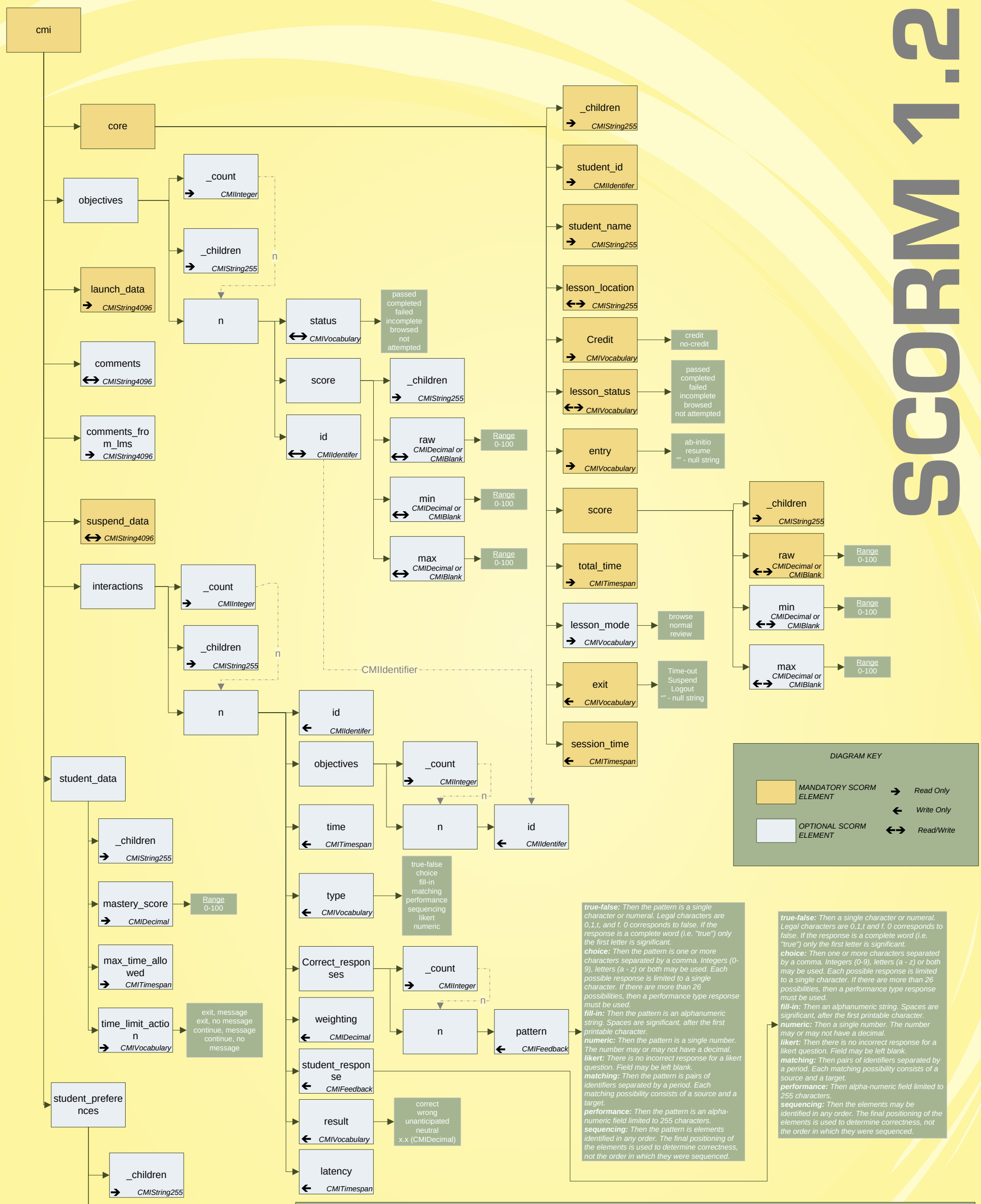
SCORM 1.2



true-false: Then the pattern is a single character or numeral. Legal characters are 0,1,t, and f. 0 corresponds to false. If the response is a complete word (i.e. "true") only the first letter is significant.
choice: Then the pattern is one or more characters separated by a comma. Integers (0-9), letters (a - z) or both may be used. Each possible response is limited to a single character. If there are more than 26 possibilities, then a performance type response must be used.
fill-in: Then the pattern is an alphanumeric string. Spaces are significant, after the first printable character.
numeric: Then the pattern is a single number. The number may or may not have a decimal.
likert: There is no incorrect response for a likert question. Field may be left blank.
matching: Then the pattern is pairs of identifiers separated by a period. Each matching possibility consists of a source and a target.
performance: Then the pattern is an alpha-numeric field limited to 255 characters.
sequencing: Then the pattern is elements identified in any order. The final positioning of the elements is used to determine correctness, not the order in which they were sequenced.

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SCORM 1.2 RUN TIME ENVIRONMENT DATA TYPES

CMIBlank An empty string ("").
CMIBoolean A vocabulary of two words. ("true" or "false").
CMIDecimal A number that may have a decimal point. If not preceded by a minus sign, the number is presumed to be positive. Examples are "2","2.2" and "-2.2).
CMIFeedback A structured description of a student response in an interaction. The structure and contents of the feedback depends upon the type of interaction. The currently defined interactions are:
true-false: Feedback is one of the following single characters: "0","1","t", or "f".
choice: Feedback is one or more single characters separated by a comma. Legal characters are "0" to "9" and "a" to "z". If all the characters must be chosen to assume the feedback is correct, then the comma separated list must be surrounded by curly brackets: { }
fill-in: Any alpha-numeric string up to 255 characters in length. After the first letter spaces are significant.
numeric: CMIDecimal
likert: Single character. Legal characters are 0 to 9 and a to z.
matching: One or more pairs of identifiers. Each identifier is a single letter or number (0 to 9 and a to z). The identifiers in a pair are separated by a period. Commas separate the pairs. If all pairs must be matched correctly to consider the interaction correct, then the comma separated list of pairs are surrounded by curly brackets: { }
performance: This is a very flexible format. Essentially an alphanumeric string of 255 characters or less.
sequencing: A series of single characters separated by commas. Legal characters are 0 to 9 and a to z. The order of the characters determines the correctness of the feedback.
CMIIdentifier An alphanumeric group of characters with no white space or unprintable characters in it. Maximum of 255 characters.
CMIInteger An integer number from 0 to 65536.
CMISInteger A signed integer number from –32768 to +32768.
CMIString255 A set of ASCII characters with a maximum length of 255 characters.
CMIString4096 A set of ASCII characters with a maximum length of 4096 characters.
CMITime A chronological point in a 24 hour clock. Identified in hours, minutes and seconds in the format: HH:MM:SS.SS Hours and minutes shall contain exactly 2 digits. Seconds shall contain
2 digits, with an optional decimal point and 1 or 2 additional digits (i.e. 34.45).
CMITimespan A length of time in hours, minutes and seconds shown in the following numerical format: HHHH:MM:SS.SS Hours have a minimum of 2 digits and a maximum of 4 digits. Minutes
shall consist of exactly 2 digits. Seconds shall contain 2 digits, with an optional decimal point and 1 or 2 additional digits. (i.e. 34.45).
CMIVocabulary Used to attach specific vocabularies within contexts in a schema. Vocabulary words must be complete and exact matches to those below. Single letters and abbreviations may not be used in API communication. See the diagram for the valid list of vocabularies.