## Text requirements for coded types

We anticipate N possible scenarios for recording text in addition to the text defined in the value set as the appropriate representation of the concept.

1. The original text from which code was derived.
   * This case involves the conversion of information recorded as natural language (e.g., a clinical note) into structured data, whether manually or automatically.
2. Text displayed on screen for selection of code, if different from system-specified text.
   * This is semantically very similar to case #1, the only difference being the author of the text.
3. Qualifying text for an accurate but imprecise coded value.
   * This is a property that could be useful for many elements. We might expect use case specifiers to identify in the information model, or we might adopt a style in which this dimension is always available, built into the types.
4. The value for an “other” selection.
   * “Other” values should be communicated in the normal coded value attributes, even if there is no code available for a concept entered as text.

We propose that one “originalText” value will meet requirements 1 & 2.

Requirement 3 should be addressed by an information model element, in cases where qualification is required.

Requirement 4 should be met by the code and text elements used for values from the value set.

## Other code properties

Translation: Our specification is for the specified value. Participants may include specified values, or, if they use a different system and it is permitted, they may use that system and tag it with the “other.” We have no use cases at this time that specify the use of a primary value and an additional translated value.

Composition: Value set definitions may permit or prohibit expressions. This has no impact on the model, apart from an implementation need to address field lengths.

Rank, score, value: Ordinals may need magnitudes. One property should be able to support all three of these variant uses.

Order: This seems to be a display property that can be inferred from the value set specification, and does not need to be specified in the instance.