

# model of use

An information model designed to align with or meet specific intended purpose.

## Notes

- A *model of use* may represent information in a way that directly relates to the way data was captured or specific requirements for reporting arising from a particular use case.
- In contrast, a [model of meaning](#) provides a common representation of particular types of information that supports a range of different uses.

## Examples

- Family history information be recorded in different ways depending on when and how the data was collected. Three of the many possible methods of collection are shown below.

Method of Collection	Possible Model of Use Record
Checkbox in a questionnaire	"Yes" recorded against the label "Family history of heart disease"
Coded entry in a family history record section	Family history record entry containing: 56265001  Heart disease
Coded entry from a picklist or search	Clinical record entry containing: 275120007  Family history: Cardiac disorder

- A decision support rule may need to show an alert in patients with a family history of heart disease. An effective *model of meaning* needs to ensure the required information is accessible to the rules engine irrespective of the way it was originally recorded. The table below shows one way to resolve each of three *model of use* records into a common form to support effective retrieval.

Model of Use Record	Possible Model of Meaning Resolutions
"Yes" recorded against the label "Family history of heart disease"	Map "Yes" response to questionnaire entry to 275120007  Family history: Cardiac disorder
Family history record entry containing: 56265001  Heart disease	Map use of disorder concepts in family history section to the appropriate family history concept 275120007  Family history: Cardiac disorder
Clinical record entry containing: 275120007  Family history: Cardiac disorder	No change

## Related Links

- [Model of meaning](#)