

# Information modeling purpose

An information model describes what information is stored in a system, and is independent of any particular implementation of data management structure or technology. One way to remember the difference between a concept model and an information model is that while a personnel record can represent a person, a personnel record does not go to jail when a person is found guilty of wrongdoing. An information model has a different purpose than a concept model. An information model is designed to meet a set of requirements for the information in a system. However, a concept model can provide an excellent starting point for an information model. The elements of a concept model that would fulfill a system's requirements can be cherry-picked or subsetting to create an information model in UML. Doing so can retain the traceability from elements in an information model to their definitions in a more precise language than plain English.

## Related pages

- [MDA](#)
- [Concept modeling purpose](#)
- [The role of ontologies and reasoners](#)
- [Open-world assumption vs. closed-world assumption](#)