

description logic

A representation of semantic knowledge that allows formal reasoning to be applied based on [axioms](#).

Notes

- *Description logic* definitions of [SNOMED CT concepts](#) are represented in two ways, as:
 - [OWL Functional Syntax](#) in an [OWL Expression Reference Set](#)
 - [Defining relationships](#) in the [Relationship File](#).
- The formal rules of *description logic* can be applied to [concept definitions](#) by software tools ([description logic classifiers](#)) to interpret the meaning of [concepts](#). This enables confirmation of the logical integrity of the terminology, and can also be used to support meaning-based retrieval from records containing [SNOMED CT expressions](#) or [concepts](#).

Alternatives

- [DL](#)

Related Links

- [Description logic classification](#)
- [Description logic classifier](#)
- [Concept Definitions](#)
- [Web Ontology Language](#)
- [SNOMED CT OWL Guide](#)
- [SNOMED CT Logic Profile Specification](#)
- [Wikipedia](#)
 - [Description logic](#)