

USER GUIDE

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1. SCALA

1.1. Class hierarchies. This section contains an overview of the important types in the Scala library. You should read this section in conjunction with the Scaladocs.

The three most important types are

- `net.metaphor.api.Ontology`
All database schemas have type `Ontology`.
- `net.metaphor.api.Translation`
A `Translation` is a functor between two `Ontologies`
- `net.metaphor.api.Ontology#Dataset`
A `Dataset` is a functor from an `Ontology` to `Set`. (Recall in Scala the `#` denotes an inner class — thus every `Dataset` is attached to a particular `Ontology` instance.)

`Ontology` is a subtype of a long sequence of more general classes of categories, illustrated in Figure 1.1.

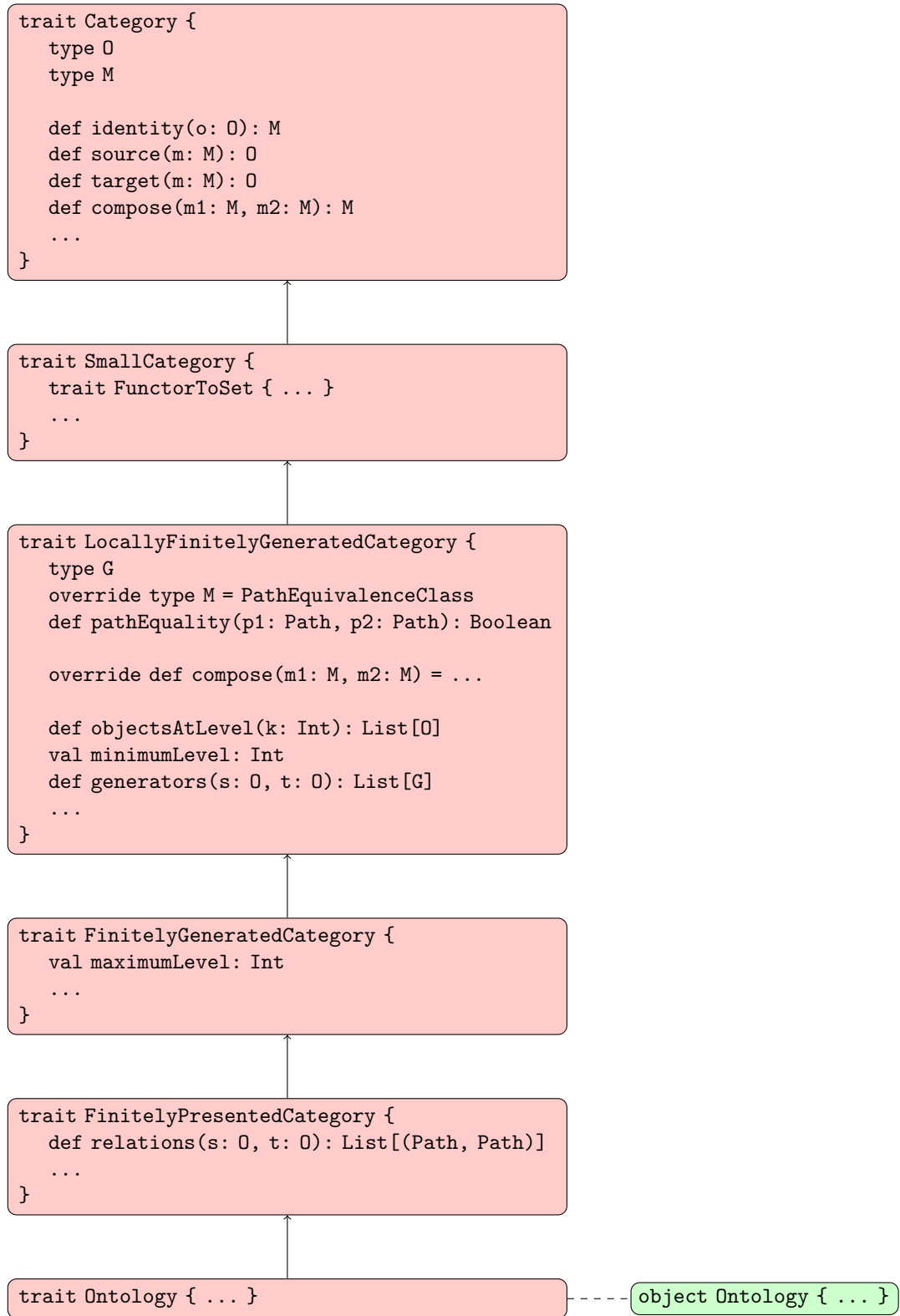


FIGURE 1. The Ontology type hierarchy.