A first pass at type containment

Definition

Type A *covers* B if there is a subset $A' \subseteq A$ and functions $f : A' \to B$ and $g : B \to A'$ such that $g \circ f = \mathrm{id}_{A'}$ and $f \circ g = \mathrm{id}_B$, and we write $A \succeq B$.