- 1.1.20.1 An arbitrary set δ may be considered as a (discreet) category by the following construction:
 - The objects are the elements of the set
 - The arrows are identity arrows, mapping each object to itself.

Each arrow id_x for $x \in S$ has domain and codomain x. The identity criterion for each object is satisfied by construction, and arrow composition and its associativity follow trivially.

Another possible construction is to add arrows from each object to every other to the above construction. The identity arrows are preserved, and we have that for any two arrows $f:x\to y$, $g:y\to z$ between elements $x,y,z\in \mathcal{S}$, composition of arrows yields an arrow from x to z.