

Objects  $(C, f)$ :

$$\begin{array}{c} C \\ \downarrow f \\ B \end{array}$$

Morphisms  $h : (f, C) \longrightarrow (f', C')$

$$\begin{array}{ccc} C & \xrightarrow{h} & C' \\ & \searrow f & \swarrow f' \\ & B & \end{array}$$