

Objects  $(C, f)$ :

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

Morphisms  $h : (C, f) \rightarrow (C', f')$  are given by  $h : C \rightarrow C'$  such that

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