Sorts

$$
\begin{array}{rcl}
PagCoop & \cong & \begin{array}{rcll} n & : & STR & \times \\ meta & : & fs & \times \\ catalogo & : & fonteInf & \end{array} \\
inv(p) & = & 'url \in dom(meta(p)) \\
fonteInf & \cong & termo \hookrightarrow inf \\
script & \cong & url \longrightarrow fonteInf
\end{array}
$$

Operations

$$a' = \left(\begin{pmatrix} 'a \\ 12 \end{pmatrix} \begin{pmatrix} 'b \\ 234 \end{pmatrix} \begin{pmatrix} 'c \\ \texttt{"batatas"} \end{pmatrix} \right)$$

$$a' = \left(\begin{pmatrix} 'a \\ \left(\begin{pmatrix} 12 \\ 23 \end{pmatrix} \begin{pmatrix} 34 \\ 44 \end{pmatrix} \right) \end{pmatrix} \begin{pmatrix} 'b \\ 234 \end{pmatrix} \begin{pmatrix} 'c \\ \texttt{"batatas"} \end{pmatrix} \right)$$

$$b' = <1, 2, 3, 4>$$

$$b' = \{1, 2, 3, 4\}$$

$$f(x) \stackrel{\mathrm{def}}{=} \left\{ \begin{array}{rcl} a & \Rightarrow & 1 \\ b & \Rightarrow & 2 \\ \underline{otherwise} & \Rightarrow & 3 \end{array} \right.$$