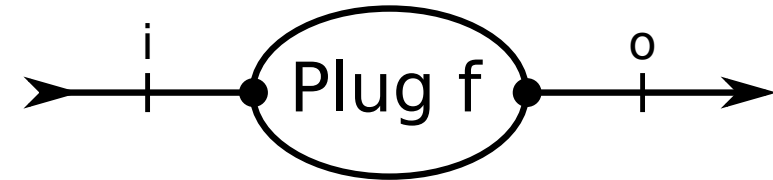
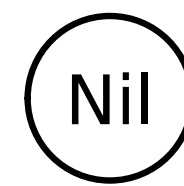


$\text{Nil} : \mathbb{C} 0 0$

$i\ o : \mathbb{N}$

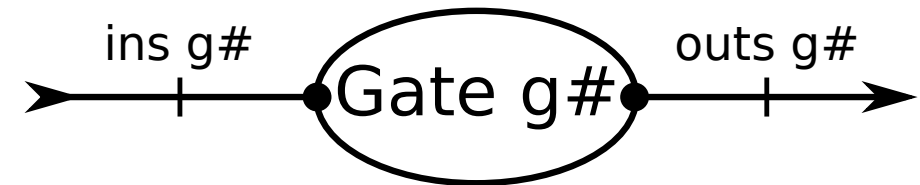
$f : \text{Fin } o \rightarrow \text{Fin } i$

$\text{Plug } f : \mathbb{C} i\ o$



$g\# : \text{Gate}\#$

$\text{Gate } g\# : \mathbb{C} (\text{ins } g\#) (\text{outs } g\#)$



$c : \mathbb{C} (i+1) (o+1)$

$\text{DelayLoop} : \mathbb{C} i\ o$

