

$[\text{append} \stackrel{\text{pyk}}{=} \text{"append"}]$
 $[\text{append}(x, y) \stackrel{\text{tex}}{=} \text{"append(\#1., \#2.)"}]$
 $[\text{append}(x, y) \dot{=} y :: x]$
 $[\text{append}(2, 1) \approx 1 :: 2]$
 $[\text{append}(3, 1 :: 2) \approx (1 :: 2) :: 3]$