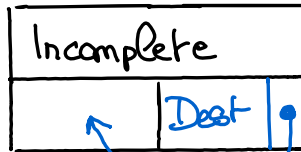
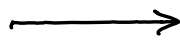
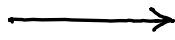
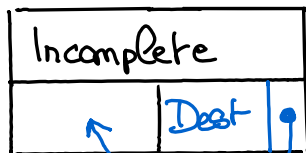


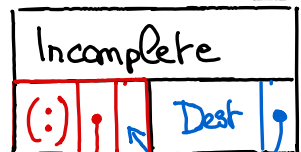
alloc :: Incomplete [a] (Dest[a])



$\dots \langle \& \rangle \setminus d_1 \rightarrow \text{fill } \Theta'(:) d_1$



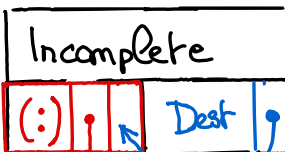
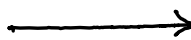
$\dots \langle \& \rangle \setminus (d_1, d_2) \rightarrow \text{fill Leaf } 1 d_1 ; d_2$



①

i1 = append alloc 1

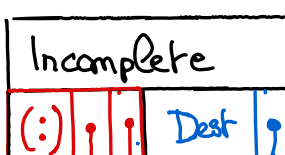
alloc $\langle \& \rangle \setminus d_2 \rightarrow \text{case fill } \Theta'(:) d_2 \text{ of } (d_2, d_3) \rightarrow \text{fill Leaf } 2 d_2 ; d_3$



②

i2 = append alloc 2

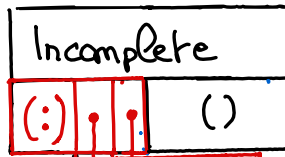
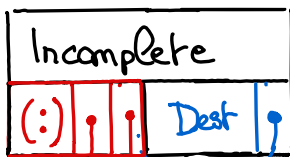
i1 $\langle \& \rangle \setminus d_1 \rightarrow \text{fill Comp } i2 d_1$



③

i3 = concat i1 i2

i3 $\langle \& \rangle \setminus d_2 \rightarrow \text{fill } \Theta'[] d_2$



④

toList i3

fromIncomplete_ (_)

