

$$\begin{aligned}
 \delta'(1, b) &= \text{fecho}_{\perp} \text{ ou } \hat{\delta}_{\perp} \{ \delta(1, b) \cup \delta(2, b) \cup \delta(3, b) \} \\
 &= \hat{\delta}_{\perp} \{ \emptyset \cup \{2\} \cup \emptyset \} \\
 &= \text{fecho}_{\perp} \{2\} = \{2, 3\} //
 \end{aligned}$$

Falta ainda $\delta'(2, -)$ e $\delta'(3, -)$

$$\begin{aligned}
 \delta'(2, a) &= \hat{\delta}_{\perp} \{ \delta(2, a) \cup \delta(3, a) \} \\
 &= \hat{\delta}_{\perp} \{ \emptyset \cup \{3\} \} \\
 &= \hat{\delta}_{\perp} \{3\} = \{3\} //
 \end{aligned}$$

$$\begin{aligned}
 \delta'(2, b) &= \hat{\delta}_{\perp} \{ \delta(2, b) \cup \delta(3, b) \} \\
 &= \hat{\delta}_{\perp} \{ \{2\} \cup \emptyset \} \\
 &= \hat{\delta}_{\perp} \{2\} = \{2, 3\} //
 \end{aligned}$$

$$\delta'(3, a) = \hat{\delta}_{\perp} \{ \delta(3, a) \} = \hat{\delta}_{\perp} \{3\} = \{3\} //$$

$$\delta'(3, b) = \hat{\delta}_{\perp} \{ \delta(3, b) \} = \hat{\delta}_{\perp} \{ \emptyset \} = \emptyset //$$

Em resumo: 1º Calcular os fecho_{\perp} ou $\hat{\delta}_{\perp}$ de todos estados do NFA- \perp

2º Calcular δ' (de fórmula ...

$$\delta'(q, a) = \hat{\delta}_{\perp} \{ r \mid r \in \delta(s, a) \text{ onde } s \in \hat{\delta}_{\perp}(q) \}$$