If d_{res_1} and d_{res_2} are expressions then:

$\lambda s\ .\ \textbf{if}_{D_{\text{res}}}(s \downarrow 1 = 1)\ \textbf{then}\ d_{\text{res}_1} \textbf{else}\ d_{\text{res}_2}$

If d_{res_1} and d_{res_2} would be one-argument functions then:

$\lambda s\ .\ \textbf{if}_{D_{\text{res}}}(s \downarrow 1 = 1)\ \textbf{then}\ d_{\text{res}_1}(s \downarrow 2)\ \textbf{else}\ d_{\text{res}_2}(s \downarrow 2)$

where $\downarrow$ is a **projection** (cf. page 1152)