Dednat6: a minimal test file

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Some trees:

$$\cfrac{\cfrac{\dfrac{[x]^1 \quad f}{f(x)} \quad g}{g(f(x))}}{x.g(f(x))}\,1 \qquad \cfrac{\cfrac{\dfrac{[a]^1 \quad a \to b}{b} \quad b \to c}{c}}{a \to c}\,1 \qquad \cfrac{\cfrac{A \quad B \quad C}{D}\,r \quad \cfrac{\genfrac{}{}{0pt}{}{E \quad F}{\vdots\,\phi \quad \genfrac{}{}{0pt}{}{H}{\Pi}}}{\genfrac{}{}{0pt}{}{G \quad I}{}}}{J}$$

A diagram:

$$
\begin{array}{ccc}
LA & \longleftarrow\!\!\shortmid & A \\
\downarrow & \longleftrightarrow & \downarrow \\
B & \longmapsto & RB
\end{array}
\qquad
C \overset{a}{\underset{b}{\rightleftharpoons}} D
$$

$$\mathbf{B} \underset{R}{\overset{L}{\rightleftarrows}} \mathbf{A}$$