

Fließkommalliteral in Java

$$\textit{Fluess} ::= \left(\left(\textit{Ganze} \textit{'.'} [\textit{Ganze}] \right) \mid \left(\textit{'.'} \textit{Ganze} \right) [\textit{Expo}] [\textit{Suffix}] \right) \mid$$
$$\textit{Ganze} \left(\left([\textit{Expo}] \textit{Suffix} \right) \mid \left(\textit{Expo} [\textit{Suffix}] \right) \right)$$
$$\textit{Expo} ::= [\textit{'e'} \mid \textit{'E'}] [\textit{'+'}, \textit{'-'}] \textit{Ganze}$$
$$\textit{Suffix} ::= \textit{'f'} \mid \textit{'F'} \mid \textit{'d'} \mid \textit{'D'}$$
$$\textit{Ganze} ::= \textit{Dzahl} \{ \textit{Dzahl} \}$$
$$\textit{Dzahl} ::= \textit{'0'} \mid \textit{'1'} \mid \dots \mid \textit{'9'}$$