$$\text{LDL}_f \, formula \; \varphi ::= A \mid \neg\varphi \mid \varphi_1 \wedge \varphi_2 \mid \langle \rho \rangle \, \varphi$$

$$Proposition \; \psi ::= \text{LDL}_f \, formula \; w/o \; modality$$

$$Regular \; path \; \rho ::= \psi \mid \varphi? \mid \rho_1 + \rho_2 \mid \rho_1 ; \rho_2 \mid \rho^*$$

$$Atomic \; proposition \; A ::= \textbf{true} \mid \textbf{false} \mid symbol$$