$$
\begin{array}{lcl}
\tau & ::= & \alpha \mid \tau \to \tau \mid (\tau, \ldots, \tau)\ \kappa \mid \mathtt{rec}\ \alpha\ .\ \tau \mid \langle \widetilde{\tau} \rangle \\
\\
\widetilde{\tau} & ::= & (m : \tau\ ; \widetilde{\tau}) \mid \rho \mid \emptyset \\
\\
\gamma & ::= & \mathtt{sig}\ (\tau)\ \varphi\ \mathtt{end} \mid \tau \to \gamma \\
\varphi & ::= & \emptyset \mid \varphi\ ;\ \mathtt{field}\ u : \tau \mid \varphi\ ;\ \mathtt{method}\ m : \tau \mid \varphi\ ;\ \mathtt{super}\ s : \varphi \\
\sigma & ::= & \forall \alpha^*\ .\ \gamma
\end{array}
$$