t	$::=$		terms:
	$\mid$	$\mathbf{x}$	variable
	$\mid$	$\lambda(x : T).t$	abstraction
	$\mid$	$t\, t$	application
	$\mid$	$(t, t : \Sigma\,(x : T).T)$	typed pair
	$\mid$	$t.1$	first projection
	$\mid$	$t.2$	second projection
T	$::=$		types:
	$\mid$	$\mathbf{X}$	type/ family variable
	$\mid$	$\Pi\,\mathbf{x} : T.T'$	dependent product type
	$\mid$	$T\, t$	type family application
	$\mid$	$\Sigma\,\mathbf{x} : T.T'$	dependent sum type
K	$::=$		kinds:
	$\mid$	$*$	kind of proper types
	$\mid$	$\Pi\,\mathbf{x} : T.K$	kind of type families
Γ	$::=$		contexts:
	$\mid$	$\emptyset$	empty context
	$\mid$	$\Gamma,\, \mathbf{x} : T$	term variable binding
	$\mid$	$\Gamma,\, \mathbf{X} : K$	type variable binding