

type Parser a b

start :: Parser a b \rightarrow [a] \rightarrow b

- Building blocks

epsilon :: Parser a ()

symbol :: a \rightarrow Parser a a

satisfy :: (a \rightarrow Bool) \rightarrow Parser a a

- Combinators

(\oplus) :: Parser a b \rightarrow Parser a b \rightarrow Parser a b

(\otimes) :: Parser a (b \rightarrow c) \rightarrow Parser a b \rightarrow Parser a c

(\mathbb{R}) :: (b \rightarrow c) \rightarrow Parser a b \rightarrow Parser a c