Core Language

Module Language

```
program = toplevel-binding
toplevel-binding = (define-signature id = signature-expr)
                (define-module id = module-expr)
    module-expr = id
                | (mod core-def ...)
                 (seal module-expr :> signature-expr)
                 (module-expr module-expr)
                 \lambda ({id : signature-expr}) module-expr
                 (let ([id module-expr]) module-expr)
 signature-expr = id
                sig sig-component ...)
                (\Pi (\{id : signature-expr\}) signature-expr)
                (let ([id module-expr]) signature-expr)
  sig-component = (type id)
                (type id = core-type)
                (val id : core-type)
```