## The Evolution of Language

```
2x
                                      (Descartes)
                                                (Church)
             \lambda x.2x
     (LAMBDA(X)(*2X))
                                                    (McCarthy)
⟨?xml version="1.0"?⟩
                                                               (W3C)
⟨LAMBDA–TERM⟩
    \langle VAR-LIST \rangle
         \langle VAR \rangle \ X \ \langle /VAR \rangle
    \langle VAR-LIST \rangle
    \langle EXPR \rangle
         ⟨APPLICATION⟩
              \langle EXPR \rangle \langle CONST \rangle * \langle /CONST \rangle \langle /EXPR \rangle
              ⟨ARGUMENT-LIST⟩
                   ⟨EXPR⟩ ⟨CONST⟩ 2 ⟨/CONST⟩ ⟨/EXPR⟩
                  \langle EXPR \rangle \langle VAR \rangle X \langle /VAR \rangle \langle /EXPR \rangle
              ⟨/ARGUMENT-LIST⟩
         ⟨/APPLICATION⟩
    \langle /EXPR \rangle
⟨/LAMBDA–TERM⟩
```