

CONSTANTS, VARIABLES, FUNCTIONS

More of the Nyquist (SAL) language

Constant and Variable Expressions

- Constants evaluate to themselves, e.g. `12` or `"string"`
- Symbols denote variables and evaluate to the variable's value (static scoping), e.g. `x` or `volume` or `g4` or `tempo`
- Symbols can contain `*`, `-`, `+`, and many other characters you might not expect. Lisp conventions:
 - `*global-variable*`
 - `local-variable`
- Not case sensitive!

Applying Functions

- Don't forget to use `set`, `exec`, `print`, etc...
- Infix operators mostly as you would expect
 - `a + b`
 - `10 * (y + 3.14159)`
- Built-in and user-defined functions
 - `autonorm-off()`
 - `lfo(5.9)`
 - `string-left-trim(input, " ")`
 - `s-read("vn.wav", time-offset: 1.5, dur: 0.6)`