



# **Programação Funcional com Elixir**

The background features a series of overlapping, semi-transparent gray shapes that resemble stylized, curved petals or abstract organic forms. These shapes are layered, creating a sense of depth and movement. The colors range from light gray to a slightly darker shade, all set against a plain white background.

# Capture Operator

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- O operador de captura (capture operator) "&" pode ser usado para basicamente 2 coisas... Criar funções anônimas:
  - `sum = fn (a, b) -> a + b end`
  - 
  - `# torna-se`
  - 
  - `sum = &(&1 + &2)`
  - `# ou`
  - `sum = & &1 + &2`

# Capture Operator

- Permitir que funções nomeadas possam ser usadas como função anônima:
  - `upcase = fn string -> String.upcase(string) end`
  - `upcase.("hello, world!")`
  - 
  - **`upcase = &String.upcase/1`**
  - **`upcase.("hello, world!")`**