

10

Landscape of Approaches

Immutability
(Pure value semantics)

Message passing
(No shared state)

Mutable value semantics

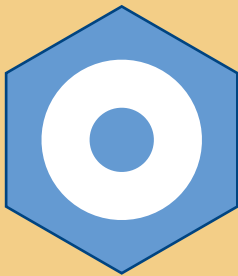
(Local reasoning)



Rust



Swift



Circle



Carbon



Haskell



Elixir



ERLANG



hylo



(Purevaluentic)

innuity

Messdagempassing

(No shared state)

(Local reading)

Mutualdiversentics

Fewers Or

Swift



Cardboard



HaskeH



Elixer





ERLANG



2

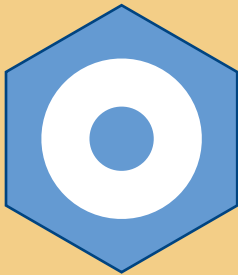
0



Rust



Swift



Circle