

Orthogonality: every meaningful combination of primitive concepts is legal — no special forbidden combinations to remember.

- Shallow binding: The environment of the call statement that enacts the passed subprogram.
- Deep binding: The environment of the definition of the passed subprogram
- Ad hoc binding: The environment of call statement that passed the subprogram as an actual parameter

Activation record: (From bottom to top)

- Local variables.
- Parameters.
- Dynamic link (Points to top of stack parent).
- Static link (Points to top of definition parent).
- Return address.

Class instance record (CIR): stores the state of an object, instance variables and vtable pointer.