

$[x]@0$ Indexed extraction
 $@@[x]$ Singleton extraction
 $X + \{y : z\}$ join w/ embed
 $X \cdot \{y : z\}$ Intersect
 $X.y$ ranged attribute extraction (set)
 X, y ... as list
 $X + \{y : z\}$ auto named
 $5 \rightarrow \text{Add}(3)$
 $\text{Void} \rightarrow \text{Seed}()$
 $\{ : \} \Rightarrow \text{Seed} \rightarrow \text{Random}()$
 $\text{Customer}!ID=123 \Rightarrow \text{IS Good}$ restriction
 $?$ Is Null
 $??$ Is Null

Goals

- Composition - Abstraction level "right"
- Completeness - relational, comp...
- Programmers will like
- Recursion
- Nested Results
- SLA
- Functional - rename
- Transactions

$\rightarrow X()$ Suffix invoke
 $()$ grouping
 $[]$ list
 $\{ \}$ Set
 $\{ : \}$ tuple

$X ? Y$
 $???$