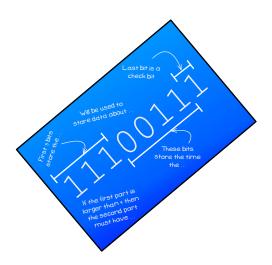
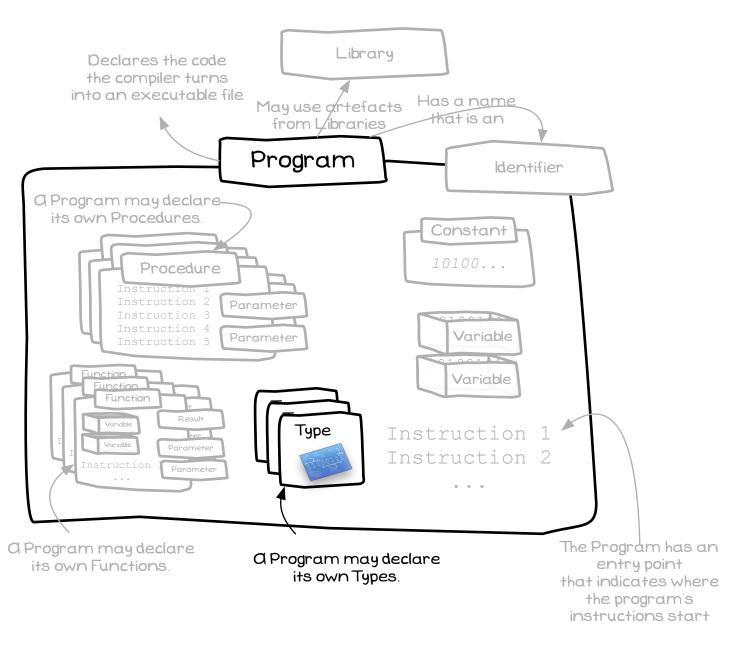
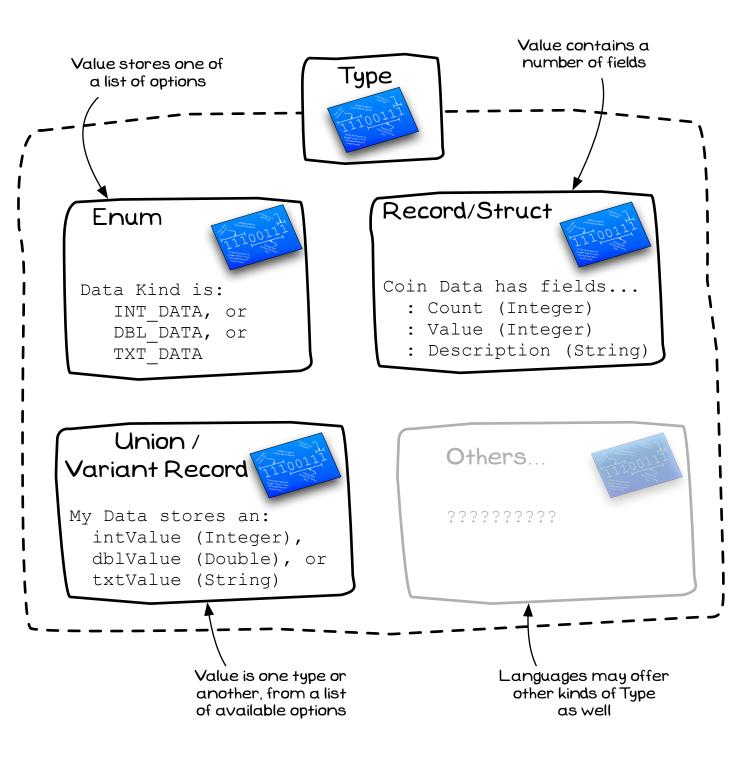


a Type is a specification





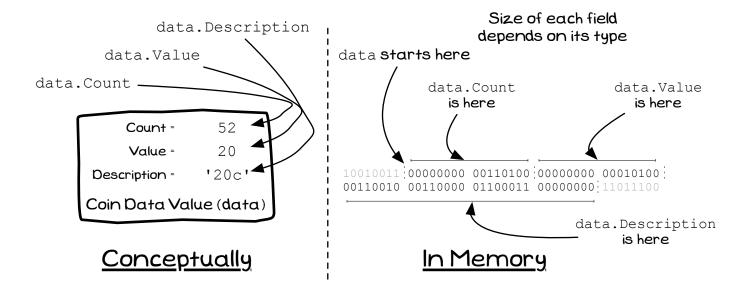


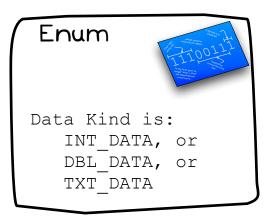


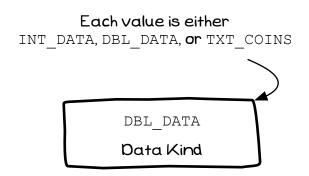


Coin Data has fields...

- : Count (Integer)
- : Value (Integer)
- : Description (String)

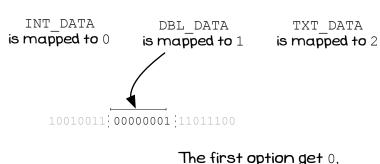






**Conceptually** 

Each option is mapped to a numeric value.



The first option get 0, the second 1, the third 2, and so on...

In Memory

## Union / Variant Record

My Data stores an:
 intValue (Integer),
 dblValue (Double), or
 txtValue (String of 9 chars)

Space taken is as large as the largest type that could be stored

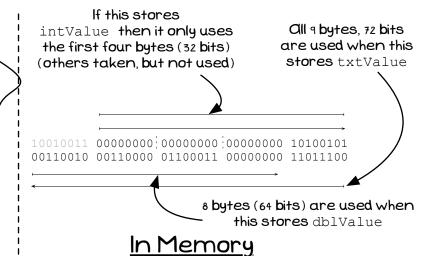
## Each value stores either the

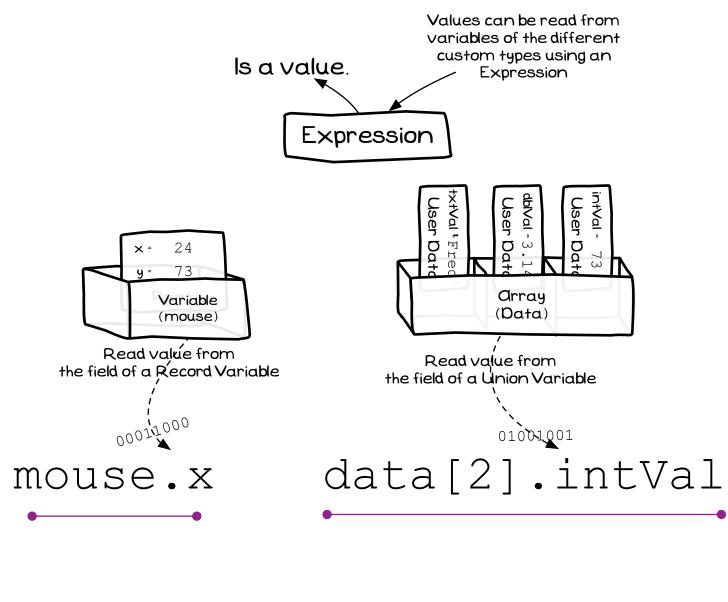
Integer intValue, the Double dblValue, or Coin Data coinValue

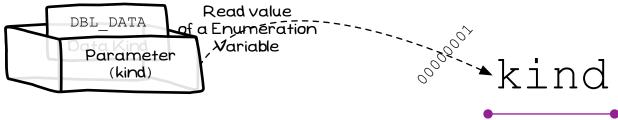
intValue 165

My Data (value)

<u>Conceptually</u>





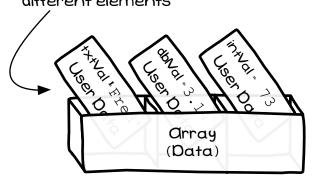


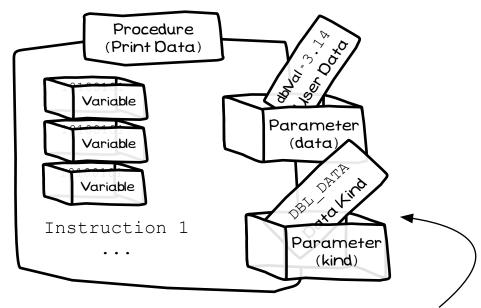
Values can be records
like a Point record with

X and Y coordinates

Variable
(Mouse Pos)

Elements of an array can be values of a union, allowing the one array to store integer, double, and text data in different elements





Parameters can accept enumerated values, in this case a value telling the Procedure the kind of data stored in the data parameter (which is a union)

