Many views of Methods (functions and Routines)

Functions first

DFD: Data Flow Diagram

DSD: Data Space Diagram

FBD: Flow Block Diagram

Definition code in JJ

Function triArea (a,b,c)
ofType real is public
Slot a ofType real -- three
Slot b ofType real -- sides of
Slot c ofType real -- triangle
Box result ofType real
Boxes s, t ofType real
-- Does use Hero's formula
Set s = (a + b + c) / 2.0
Set t = s*(s-a)*(s-b)*(s-c)
Set result = Sqrt ( t )
EndFunction triArea

Routines

DFD: Data Flow Diagram

DSD: Data Space Diagram

FBD: Flow Block Diagram

Definition code in JJ

Routine outRow (times, mark)
is public
Slot times ofType  int
Slot mark  ofClass Str
Box count ofType  int
-- Does draw a row of marks
Set count = 0
Repeat
  ExitOn (count == times)
    Output mark
    Inc count by 1
  EndRepeat
EndRoutine outRow