

Data worksheet—structure type

14 Oct 2010

Describe the data:

```
; defender is a structure containing:
   STRUCTURE TYPE

; - posx ( XCoord of defender )
   PART 1 NAME PART 1 TYPE, INTERPRETATION

; -                      (                      )
   PART 2 NAME PART 2 TYPE, INTERPRETATION

; -                      (                      )
   PART 3 NAME PART 3 TYPE, INTERPRETATION

...

```

```
(define-struct defender
  STRUCTURE TYPE

  ( posx                                                                ... ) )
   PART 1 NAME PART 2 NAME PART 3 NAME

```

; Examples:

```
(define d-center ; defender in the center
  EXAMPLE NAME DESCRIPTION/EXPLANATION

  (make- defender X_CENTER                                           ... ) )
        STRUCTURE TYPE VALUE 1 VALUE 2 VALUE 3

```

```
(define d-left ; defender on the left edge
  EXAMPLE NAME DESCRIPTION/EXPLANATION

  (make- defender X LEFT                                           ... ) )
        STRUCTURE TYPE VALUE 1 VALUE 2 VALUE 3

```

```
(define d-right ; defender on the right edge
  EXAMPLE NAME DESCRIPTION/EXPLANATION

  (make- defender X RIGHT                                           ... ) )
        STRUCTURE TYPE VALUE 1 VALUE 2 VALUE 3

```