Pict Snip: Build Snips from Picts

Version 9.4.0.5

November 16, 2026

```
(require pict/snip)
```
package: pict-snip-lib

The pict/snip library constructs snip% instances that draw based on a given pict? object.

```
pict-snip% : class?
  superclass: snip%
```

```
(new pict-snip% [pict pict]) → (is-a?/c pict-snip%)
  pict : pict?
```

Creates a pict-snip% object, using *pict* to draw.

```
(send a-pict-snip get-pict) → pict?
```

Returns the pict passed to the constructor.

```
(send a-pict-snip get-extent dc
                             x
                             y
                             w
                             h
                             descent
                             lspace
                             rspace) → void?
  dc : (is-a?/c dc<%>)
  x : real?
  y : real?
  w : (or/c (box/c (and/c real? (not/c negative?))) #f)
  h : (or/c (box/c (and/c real? (not/c negative?))) #f)
```

```
  descent : (or/c (box/c (and/c real? (not/c negative?))) #f)
  lspace : (or/c (box/c (and/c real? (not/c negative?))) #f)
  rspace : (or/c (box/c (and/c real? (not/c negative?))) #f)
```

Updates the arguments based on the size of the pict returned from `get-pict`.

```
(send a-pict-snip draw dc
                       x
                       y
                       left
                       top
                       right
                       bottom
                       dx
                       dy
                       draw-caret) → void?
  dc : (is-a?/c dc<%>)
  x : real?
  y : real?
  left : real?
  top : real?
  right : real?
  bottom : real?
  dx : real?
  dy : real?
  draw-caret : (or/c 'no-caret 'show-inactive-caret 'show-caret
                     (cons/c exact-nonnegative-integer?
                             exact-nonnegative-integer?))
```

Overrides `draw` in `snip%`.

Draws the pict returned from `get-pict`.

```
(send a-pict-snip write f) → void?
  f : (is-a?/c editor-stream-out%)
```

Uses a `record-dc%` to write the way that the result of `get-pict` draws and saves that to *f*.

```
(send a-pict-snip copy) → (is-a?/c pict-snip%)
```

Returns a snip that has the same pict as `this` one.

```
snipclass : (is-a?/c snip-class%)
```

The `snip-class%` instance used by instances of `pict-snip%`.

```
reader : (is-a?/c snip-reader<%>)
```

The snip-reader<%> instance used by the wxme library.