## Ecopoetics Groundwork

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0.1 proshap.py by Manuel Gutierrez Algaba

```
proshap.py
                                     (ver
                                                1.1)
                                                                    \mathbf{a}
                       script
                                                       Manuel
                                                                    Gutierrez
          python
                                  written
                                               by
       Algaba
                 to
                       produce
                                  shape
                                            definitions
                                                          from
                                                                   rough
                                                                            'ascii
    art'.
                There
                       is
                            no
                                 instruction
                                               manual,
                                                          so
                                                               here
                                                                      are
                                                                            Donald
   Arseneau's
                observations.
                                     There
                                             is
                                                 not
                                                       much
                                                               of
                                                                    a
                                                                               inter-
          look
                                    (which
                                                                      file)
 face;
                 in
                      proshap.py
                                              is
                                                       plain
                                                               text
                                                                            and
                         'test'
                                                 defined
                                                                    the
                                                                           triple-double
how
       the
              various
                                 shapes
                                           are
                                                            (note
                                        Choose
        quotes).
                                                                           one
       of
                                         them.
                                                                                 or
     add
                                           \mathbf{a}
                                                                                 new
                                         then
                                                                                change
    one,
                                          line
                                                                                  'test
    the
                                         test3'
                                                                                   to
    se-
                                          lect
                                                                                   the
    de-
                                         sired
                                                                                  pic-
    ture.
                                          Ex-
                                                                                   e-
    cute
                                        'python
                                                                              proshap.py'
    which
                                          will
                                                                                 out-
                                                                                 def-
                                           a
     put
      i-
                                           ni-
                                                                                tion
      of
                                 "9.40b9.4
    0t7.66.8
                                                                           0.8t5.211.6
                                                 1.6t4.413.2
                           2.4t4.014.0
3.2t3.64.933333st8.5333334.933333st13.466664.93 \\ 3063 \\ 62.4t9.62.8t16.42.4
6.4t3.62.0t10.02.0t16.82.0
                                                8.8t3.62.4t9.61.4st11.01.4t16.42.0
 11.2t3.63.4jt7.03.4t11.63.4jt15.03.4
                                                 12.8t4.06.0t12.06.0
  14.4t4.45.2t12.45.2
                                                  16.0t4.86.0jt10.86.0
  16.8t5.25.6st10.85.6
                                                  17.6t5.60.8t14.81.2
   19.2t6.02.4t12.03.6
                                                   20.8t6.44.4jt10.84.4
    22.4e9.4"
                 to
                       the
                              screen
                                                   and to the file
                                                                         'result.tex'.
    The goulish
                    face you
                                                    here is the
                                                                     test3
                                                                             shape.
                                see
     You should
                                                  the characters in
                   be aware
                                 that
                                                                       _{
m the}
     input are treated as square,
                                               even though they are
      than they are wide,
                                 so the output shape specification
       be taller and thinner than the input text.
                                                        There also seems to
         be a problem with all 'bottoms': flat bottoms of text blocks
          and
               of holes
                                                    expanded downwards
             to
                                                                    end
                                                                   point.
               at
             Compare
                                                         this
                                                                    face
                                                                    face
             to
                       the
                                                    original
                   proshap.py.
                                                 Warning:
                                                                 These
                   instructions
                                                          observations
                                               and
                             probably
                                                        the
                                                               author
               are
                                             wrong;
                does not program in python so can't even read
                     the code properly. For now, look for
                          proshap, py bundled with
```

shapepar.sty.

## 0.2 proshap.py by Manuel Gutierrez Algaba

```
aarati (ver 1.1) is a python script
written by Manuel Gutierrez Alga-
                                              aarati (ver 1.1) is a python script
ba to produce shape definitions from
                                              written by Manuel Gutierrez Al-
rough 'ascii art'.
                   There is no in-
                                              gaba to produce shape definitions
struction manual, so here are Don-
                                              from rough 'ascii art'.
                                                                       There is
ald Arseneau's observations. There is
                                              no instruction manual, so here are
not much of a user interface; look in
                                              Donald Arseneau's observations.
proshap.py (which is a plain text file)
                                              There is not much of a user inter-
and see how the various 'test' shapes
                                              face; look in proshap.py (which is
are defined (note the triple-double
                                              a plain text file) and see how the
quotes). Choose one of them, or add
                                              various 'test' shapes are defined
a new one, then change the line 'test
                                              (note the triple-double quotes).
= test3' to select the desired picture.
                                              Choose one of them, or add a new
Execute 'python proshap.py' which
                                              one, then change the line 'test =
will output a definition of "9.40b9.4"
                                              test3' to select the desired pic-
0t5.26.8
                                              ture. Execute 'python proshap.py'
4.0t5.26.8
                                              which will output a definition of
6.4t5.26.8
                                              "9.40b9.4
12.8t5.26.8
                                              0t5.26.8
14.4t5.26.8
                                              4.0t5.26.8
16.8t5.25.6st10.85.6
                                              6.4t5.26.8
17.6t5.20.8t14.81.2
                                              12.8t5.26.8
19.2t5.22.4t12.03.6
                                              14.4t5.26.8
22.4t5.26.8
                                              16.8t7.25.6st10.88.6
22.4e9.4" to the screen and to the file
                                              17.6t6.20.8t14.88.2
'result.tex'. The goulish face you see
                                              19.2t7.22.4t12.07.6
here is the test3 shape. You should
                                              22.4t7.29.8
be aware that the characters in the
                                              22.4e9.4" to the screen and to the
ascii input are treated as square, even
                                              file 'result.tex'. The goulish face
though they are taller than they are
                                                you see here is the test3 shape. You should
wide, so the output shape specification will
                                                  be aware that the characters in the ascii input
be taller and thinner than the input text. There
                                                    are treated as square, even though they are taller than
also seems to be a problem with all 'bottoms': flat bot-
                                                      they are wide, so the output shape specification will be taller an
to end at a point. Compare this face to the original face
                                           Warning: These blocks
in proshap.py.
                                                                                         and of holes are expanded do
                                                    end at a
 in-
                                                                                     point. Compare this face to the
                                       tions are prob-
 tions
                                                                                proshap.py. Warning: These instruc-
  serva-
                                                               and
                                                                     ob-
ablv
      wrong;
                                                        servations are proba-
the author does
                                                        bly wrong; the author does
      program
                  in
                                                        not program in python so can't
python so can't even
                                                        even read the code properly.
read the
            code properly.
                                                        look for proshap.py bundled with shapepar.sty.
For now, look for proshap.py
```

bundled

with

shapepar.sty.