

```

#!/usr/bin/env python

#save this file as "use_multi_archive.py" before using it
import prman
import sys
import string
from random import seed, uniform, choice
import glob
import os.path

#-----
def pickRandomRib(pathToRibsDir):
    glob_pattern = os.path.join(pathToRibsDir, "*.rib")
    ribs = glob.glob(glob_pattern)
    return choice(ribs)

#-----
ri = prman.Ri()

while True:
    try:
        line = raw_input().strip()
    except EOFError:
        break
    else:
        detail, data = line.split(' ', 1);
        inputs = data.split()
        num = int(inputs[0])
        rib_path = inputs[1]

        # Lock the random number generator
        seed(1)
        # Open a rib stream
        ri.Begin("-")
        # Generate some geometry...
        for n in range(num):
            ri.TransformBegin()
            x = uniform(-10, 10)
            y = 0
            z = uniform(-10, 10)

```

```
ri.Translate(x,y,z)
ri.Rotate(uniform(0, 360), 0, 1, 0)
ri.Scale(1, uniform(0.1, 3), 1)
rib = pickRandomRib( rib_path )
ri.ReadArchive(rib)
ri.TransformEnd()
```

The "/377" escape sequence tells prman we have finished.

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ri.ArchiveRecord(ri.COMMENT, "\n\377")
sys.stdout.flush
```

Close the rib stream

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ri.End()
```