

# Functions

classmate

# INTIM

SYNTHESIS OF POLYIMIDES

FKIF

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234
235 local Demos = {fails=0}
236
237 local function asserts(test, msg)
238   print(test and "PASS: " or "FAIL: ", msg or "")
239   if not test then
240     Demos.fails = Demos.fails+1
241     if the.Dump then assert(test, msg) end end end
242
243 function Demos.the()   oo(the) end
244 function Demos.col()  oo(col(10, "Mpg-")) end
245 function Demos.num(   n) n=Num();
246   for x=1,1000 do add(n,x) end; print(n) end
247
248 function Demos.sym(   s)
249   s=sym(); for _,x in pairs{1,1,1,1,2,2,3} do add(s,x) end
250   asserts(s:div() - 1.376 < 0.005, "entropy") end
251
252 function Demos.cols(  c)
253   print(Cols({{"Clnrs", "Weight", "Hp.", "Lbs-",
254     "Acc+", "Model", "origin", "Mpg+"}}))
255   end
256
257 the = cli(help)
258 main(the, help, Demos)

```