

---

Subject: Re: mandelbrot

Posted by [d.poreh](#) on Thu, 15 Apr 2010 08:39:49 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Apr 14, 8:20 am, Paolo <pgri...@gmail.com> wrote:

> On Apr 14, 7:49 am, a <oxfordenergyservi...@googlemail.com> wrote:

>

>> I was looking for a mandelbrot set generator for idl to show off idl

>> to someone

>

>> I found this [http://rosettacode.org/wiki/Mandelbrot\\_set#IDLbutl](http://rosettacode.org/wiki/Mandelbrot_set#IDLbutl)

>> remember seeing a more efficient version (just a few lines) once.

>

>> anybody got a mandelbrot set generator in the fewest lines?

>

>> Russ

>

> This comes pretty close to a minimum set of commands:

>

> ;setup coordinates

> x=findgen(512)/511\*4-2

> xx=x#(x\*0+1)

> zz=complex(xx,transpose(xx))

> cc=zz

>

> ;compute set for n=100 iterations

> niter=100

> for i=0,niter-1 do zz=zz\*zz+cc

> inside=where(abs(zz) LE 2,complement=outside)

>

> ;this just for display

> mand=xx\*0

> mand[inside]=1

> tvscl,mand

>

> Ciao,

> Paolo

Any help with KOCH curve?

---