Subject: Re: mandelbrot

Posted by d.poreh on Fri, 16 Apr 2010 13:44:24 GMT

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On Apr 15, 7:16 am, Paolo <pgri...@gmail.com> wrote:
> On Apr 15, 4:39 am, Dave Poreh <d.po...@gmail.com> wrote:
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>> 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 thishttp://rosettacode.org/wiki/Mandelbrot_set#IDLbutI
>>>> 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?
>
```

- > what have you tried? how did it fail?
- >
- > Paolo

I just want to know how we could produce it (KOCH curve) in IDL. Dave