
Subject: Re: Variable is undefined: Actually a function
Posted by [penteado](#) on Fri, 08 Jul 2011 00:09:03 GMT
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Is the right file found with

```
print,file_which('calculate_decay_rate.pro')  
print,file_which('calculate_decay_rate.pro',/include_current_dir)
```

?

Also, what happens if you do

```
resolve_routine,'calculate_decay_rate',/is_function
```

?

On Jul 7, 4:32 pm, Maegereg <maege...@uchicago.edu> wrote:

```
> function Physiology::MTT, realCO=realCO, brainRatio=brainRatio,  
> liverRatio=liverRatio, kidneyRatio=kidneyRatio, slowRatio=slowRatio  
> compile_opt strictarr  
> Forward_Function CALCULATE_DECAY_RATE  
> if(N_Elements(realCO) EQ 0) then realCO=self.CO  
> standardBV=5000.0d0  
> standardCO=6500.0d0  
> heartBV=(800.0+100.0)/standardBV*self.BV  
> heartMTT=heartBV/realCO  
> brainBV=(80.0+20.0+37.0+63.0)/standardBV*self.BV; plus a little more 40.0d0  
> if(N_Elements(brainRatio) EQ 0) then brainRatio=975.0d0/standardCO  
> brainBF=realCO*brainRatio  
> brainMTT=brainBV/brainBF  
> aortaBV=(800.0+200.0)/standardBV*self.BV  
> aortaBF=(4810.0/standardCO)*realCO  
> aortaMTT=aortaBV/aortaBF  
> liverBV=(120.0d0+42.5)/standardBV*self.BV  
> if(N_Elements(liverRatio) EQ 0) then liverRatio=1885.0d0/standardCO  
> liverBF=liverRatio*realCO  
> liverMTT=liverBV/liverBF  
>  
> aorta2BV=(400.0d0)/standardBV*self.BV assumed number  
> aorta2BF=(2935.0/standardCO)*realCO  
> aorta2MTT=aorta2BV/aorta2BF  
>  
> kidneyBV=(120.0d0+54)/standardBV*self.BV  
> if(N_Elements(kidneyRatio) EQ 0) then kidneyRatio=1430.0d0/standardCO  
> kidneyBF=kidneyRatio*realCO  
> kidneyMTT=kidneyBV/kidneyBF  
>
```

```
> slowBV=2200.0d0/standardBV*self.BV
> if(N_Elements(slowRatio) EQ 0) then slowRatio=1820.0d0/standardCO
> slowBF=slowRatio*realCO
> slowMTT=slowBV/slowBF
> slowRate=CALCULATE_DECAY_RATE(slowBF*0.55d0, self.Vf, self.Vs, slowMTT)
>
> return, [slowRate, (heartMTT+brainMTT), heartMTT+aortaMTT+aorta2MTT,
> kidneyMTT]
> end
```
