

```

> library(partitions)
> library(reshape2)
> library(gdxxrw)
> #igdx("C:/Program Files (x86)/GAMS23.5")
> igdx("C:/GAMS/win64/24.4")
The GDX library has been loaded
GDX library load path: C:/GAMS/win64/24.4
> n=rgdx.scalar("C:/Users/marco/Documents/gamsdir/rprojdir/countryn.gdx","n")
> c=parts(n)
> c1=as.matrix(c)
> pn=ncol(c1)
> suf=seq(1:pn)
> pre="par"
> partn=paste(pre,suf,sep="")
> cs=nrow(c1)
> sufc=seq(1:cs)
> prec="coas"
> coals=paste(prec,sufc,sep="")
> colnames(c1)=partn
> rownames(c1)=coals
> spdef<- list(name='pn',uels=list(partn),dim=1,form='full',type='set',ts='partitions')
> cddef= list(name='cn',uels=list(coals),dim=1,form='full',type='set',ts='coalitions in partitions')
> cpmat= list(name='pc',
val=c1,uels=list(coals,partn),dim=2,form='full',type='parameter',ts='partitions coalitions matrix')
> wgdz.lst("C:/Users/marco/Documents/gamsdir/rprojdir/parti.gdx", list(spdef,cddef,cpmat))
> q("yes")
--- analyticp3.gms(28) 2 Mb
--- GDXin=C:\Users\marco\Documents\gamsdir\rprojdir\parti.gdx
--- analyticp3.gms(224) 5 Mb
--- Starting execution: elapsed 0:00:04.473
--- analyticp3.gms(133) 2050 Mb
--- Generating MCP model partem
--- analyticp3.gms(128) 3769 Mb
*** Out of Memory in New or GetMem.
*** Out of Memory while executing line 128
*** HeapLimit = 1E20 HeapSize = 3770.159693
Exit code = 10

```