```
Thanks a lot. It is exactly what I need.
I want to add the Hits Trees, and use Digigate for further analysis.
bye
sophie


On Wed, 2004-10-06 at 10:11, Dirk Kruecker wrote:
> Hi Sophie,
>
> here comes the program.
>
> You can compile with
>
>    g++ Combine.C -o Combine -O
>    -L$ROOTSYS/lib -lCore -lCint -lTree -lMatrix  -lm  -ldl -lHist
>    -I$ROOTSYS/include
>
> and just use it like this:
>
>    Combine  outfile.root  infile1.root  infile2.root  [infile3.root ...]
>
> or if you allow the program to overwrite an existing outfile.root
>
>    Combine -d outfile.root  infile1.root  infile2.root  [infile3.root ...]
>
> Your time slices should be disjunct otherwise you get a warning.
>
> The eventID will be modified:
>
> infile1.root                  infile2.root
> eventID 1 2 ... 100    eventID 1 2 ... 100
> -> outfile.root
>    eventID
>    1 2 .... 100 101 102 ... 200
>
> The present version of the program only adds up the  Gate and Hits trees.
> You do not get the Singles and Coincidences trees !
> This is on purpose since I re-run Gate on the combined file
>
>    mv outfile.root gate.root    (I guess one can tell DigiGate
>                                        to use another name but I do not
>                                         remember how)
>    Gate -d                            ( using the same macro as before but
>                                           with the one big time slice)
>
> Digigate runs quite fast
> The result is a digigate.root with the singles and conincidences trees and
> empty Hits and Gate trees.
>
> I hope this helps a bit. If you have any problems let me know.
>
> Dirk
>
> > Hi Dirk,
> >    We are interested to launch Gate in a  cluster of 5 bi-processor
> > machines. We are beginners in using parallel jobs in a cluster. I was
> > looking at the last presentations in New-York on this subject. We will
> > split our run of an activity A, in N jobs with the same activity A but
> > with the time slices following what you have presented at this Gate
```

> > with the time slices following what you have presented at this date
> > meeting. At the end, we will have N root files that we want to add. Is
> > it possible to have your root program which made the combination of
> > several Trees?
> > We will compare with what we have done to be sure that we have the same
> > results.
> > Thanks in advance,
> > Sophie