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PHOTOS
PM0088

PHOTOS at FNAL

PHOTOS, which provides QED corrections for particle decays, is part of the LUND package. To access the current version of the LUND package, type "setup lund" on any machine. The most recent version of lund and its immediate predecessor are always available on the FNALV cluster and fnalu. To access the version preceeding the current version, type "setup lund.old" with vms or "setup -o lund" with unix.

Examples and test programs are available in LUND_ROOT:[EXAMPLE] for VMS and $LUND_DIR/example for unix. PHOTOS is designed to interact with JETSET and PYTHIA. In general, you will need to setup both lund, stdhep, and cern before linking a photos program.

VMS usage example:

```
$ setup cern,lund,stdhep
$ fortran myprog
$ link myprog,photos_olb/lib,-
        stdhep_olb/lib,lund_olb/inc=(ludata,pydata)/lib,-
        packlib_olb/lib,kernlib_olb/lib
```

UNIX usage example:

```
% setup cern
% setup lund
% setup stdhep
% f77 -o myprog myprog.f \
        $LULIB/ludata.o $LULIB/pydata.o \
        -L$STDHEP_DIR -lstdhep \
        -L$LULIB -lphotos -llund -L$CRNLIB -lpacklib
```