

Status of the GENSER mirror at DESY

- 07-Apr-2008: Fully installed on 32bit platform (i586_rhel40)
- 21-Apr-2008: Successfully tested and used for MC school exercises
- 14-May-2008: Installation on 64bit platform (amd64_rhel40) is done
- 16-May-2008: Brand new versions added: **pythia8 108, sherpa 1.1.1.**
- Differences to CERN installation (not included in the official distribution):
 - ktjet** - outdated
 - baurmc** - newly added $W\gamma$, $Z\gamma$ generator
 - agile, rivet, rivetgun, mctester** - validation tools
- Extra packages (required by GENSER):
 - HepMC, HepPDT, CLHEP, fastjet** – also installed on both 32- and 64-bit platforms
- In present form GENSER occupies $\sim 10\text{Gb}$ (out of 16Gb available afs volume)

README file

```
#####
#
# This directory:    /afs/desy.de/group/alliance/mcg/public
# Content:
#       scripts      -- simple installation scripts (to be improved)
#       MCGenerators -- mirror of the /afs/cern.ch/sw/lcg/external/MCGenerators
#                       (http://lcgapp.cern.ch/project/simu/generator/)
#       HepMC        -- a C++ Event Record for Monte Carlo Generators
#                       (http://lcgapp.cern.ch/project/simu/HepMC/)
#       HepPDT       -- the data from the Review of Particle Properties
#                       (http://lcgapp.cern.ch/project/simu/HepPDT/)
#       CLHEP        -- a Class Library for High Energy Physics
#                       (http://proj-clhep.web.cern.ch/proj-clhep/)
#       fastjet      -- package used by Rivet and providing various jet finders
#                       (http://www.lpthe.jussieu.fr/~salam/fastjet/main.html)
#
# The directory structure is equivalent to CERN GENSER with the following two exceptions:
#
#       site  prefix                                     names of the supported systems
#       CERN  /afs/cern.ch/sw/lcg/external/              slc4_ia32_gcc34  slc4_amd64_gcc34
#       DESY  /afs/desy.de/group/alliance/mcg/public/    i586_rhel40     amd64_rhel40
#
# Created:    15-Mar-2008
# Updates:    7-Apr-2008    First complete installation on the i586_rhel40 platform
#             29-Apr-2008    Partial installation on 64bit system (amd64_rhel40) is added
#             14-May-2008    64bit amd64_rhel40 installation completed
#             16-May-2008    New versions added: pythia8 108, sherpa 1.1.1, fastjet 2.3.3
#
# Contacts:   S.Levonian    (levonian@mail.desy.de)
#             H.Jung        (jung@mail.desy.de)
#
#####
```

Installation status as of 16-May-2008:

package	versions							
alpgen	2.1.3	2.1.2	2.1.1					
cascade	(2.0.2)	2.0.1	1.2.10					
charybdis	1.003							
evtgenlhc	9.1	8.16						
herwig	6.510.3	6.510.2	6.510					
herwig++	2.2.0	2.1.4	2.1.3	2.1.2	2.1.1	2.0.3	2.0.2	2.0.1
hijing	1.383bs.2							
hydjet	1.5	1.4	1.3	1.2	1.1			
isajet	7.75	7.69						
jimmy	4.31.3	4.31.2	4.31	4.2				
lhpdf	5.3.1	5.3.0	5.2.3					
phojet	1.10							
photos	215.5	215.4	215.3	215.2	215			
powheg	1.0							
pyquen	1.5	1.4	1.3	1.2	1.1			
pythia6	416.2	416	415.2	414.2	413.2	413	412	411.3
	411.2	411	410.2	410	409.2	409	326.2	326
	227.2	227						
pythia8	108	107.1	107	105	100	095.1	095	090
	080	079	076					
sherpa	1.1.1	1.1.0	1.0.11p	1.0.11	1.0.10	1.0.9		
stagen	1.11							
tauola	27.121.5	27.121.2	27.121					
thepeg	1.2.0	1.1.2	1.1.1	1.1.0	1.0.1			
toprex	4.23							
winhac	1.24	1.23						
hepmc	2.03.08	2.03.06	2.03.05	2.03.04	2.03.02	1.26.02		
heppdt	3.02.03	3.02.02						
clhep	1.9.2.3	1.9.3.1	1.9.2.3					
fastjet	2.3.3	2.3.2	2.3.0					