

## Tgen

**Tgen** is ready for alpha testing. **Tgen**, to be renamed **composer** when ready for distribution, reads ovex files and generates task files to be sent to **conductor** for correlation. **Tgen** has some known inefficiencies (e.g., it's sometimes very slow) but no known obvious errors. It does not know how to do subnetting. Later versions will read also reprocess lists (a-file format) to make reprocess task files.

Please try **tgen** and tell me about errors or shortcomings. To run tgen, try:

```
tgen  ovex_file_name  \  
      mode_key        \  
      number_of_active_SUs  \  
      station_list    \  
      start_time(ddd-hh:mm:ss)  \  
      end_time(ddd-hh:mm:ss)  \  
      > output_file_name
```

All the arguments are optional: *ovex\_file\_name* defaults to \$VEX/ovex\_example; *mode\_key*, the correlator mode, defaults to just a comment in the task file, which tells conductor to read the default from evex; *number\_of\_active\_SUs* (number of usable tape drives) defaults to 6, *station\_list* (no spaces) defaults to all stations, *start\_time* defaults to zero, and *end\_time* defaults to end of the year. A dot (.) acts as a placeholder, if necessary, to preserve the defaults for any previous arguments. The *output\_file\_name* should end in .tsf and be put into \$TASK.

Coming soon: A shell-script wrapper for **tgen** to make operation easier.

Revised: 1999 December 1, JAB