NAME

tnfxtract – extract kernel probes output into a trace file

SYNOPSIS

tnfxtract [–**d** *dumpfile* –**n** *namelist*] *tnf_file*

AVAILABILITY

SUNWtnfc

DESCRIPTION

tnfxtract collects kernel trace output from an in-core buffer in the Solaris kernel, or from the memory image of a crashed system, and generates a binary TNF trace file like those produced directly by user programs being traced.

Either both or neither of the –**d** and –**n** options must be specified. If neither is specified, trace output is extracted from the running kernel. If both are specified, the –**d** argument names the file containing the (crashed) system memory image, and the –**n** argument names the file containing the symbol table for the system memory image.

The TNF trace file *tnf_file* produced is exactly the same size as the in-core buffer; it is essentially a snapshot of that buffer. It is legal to run **tnfxtract** while kernel tracing is active, i.e., while the in-core buffer is being written. **tnfxtract** insures that the output file it generates is low-level consistent, i.e., that only whole probes are written out, and that internal data structures in the buffer are not corrupted because the buffer is being concurrently written.

The TNF trace file generated is suitable as input to **tnfdump**(1), which will generate an ASCII file.

OPTIONS

The following options are supported:

–**d** *dumpfile* Use *dumpfile* as the system memory image, instead of the running kernel. The *dumpfile* is normally the path name of a file generated by the **savecore** utility.

–**n** *namelist* Use *namelist* as the file containing the symbol table information for the given *dumpfile*.

OPERANDS

The following operand is supported:

tnf_file output file generated by **tnfxtract** based on kernel trace output from an in-core buffer in the Solaris kernel.

EXAMPLES

```
# Extract probes from the running kernel into ktrace.out.
example% tnfxtract ktrace.out
```

```
# Extract probes from a kernel crash dump into ktrace.out.
example% tnfxtract –d /var/crash/‘uname –n‘/vmcore.0 \
        –n /var/crash/‘uname –n‘/unix.0 ktrace.out
```

EXIT STATUS

The following exit values are returned:

0 Successful completion.

>0 An error occurred.

SEE ALSO **prex**(1), **tnfdump**(1), **savecore**(1M), **tnf_probes**(4)