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tracepoint. tmpl. txt
<?xml version="1.0" encoding="UTF-8"?>
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     Tracepoints are static probe points that are located in strategic points
     throughout the kernel. 'Probes' register/unregister with tracepoints
     via a callback mechanism. The 'probes' are strictly typed functions that
     are passed a unique set of parameters defined by each tracepoint.
   </para>
   <para>
     From this simple callback mechanism, 'probes' can be used to profile,
debug.
     and understand kernel behavior. There are a number of tools that provide a
     framework for using 'probes'. These tools include Systemtap, ftrace, and
     LTTng.
   </para>
   para>
     Tracepoints are defined in a number of header files via various macros.
Thus,
     the purpose of this document is to provide a clear accounting of the
available
     tracepoints. The intention is to understand not only what tracepoints are
     available but also to understand where future tracepoints might be added.
   </para>
   <para>
     The API presented has functions of the form:
     <function>trace tracepointname(function parameters)</function>. These are
the
     tracepoints callbacks that are found throughout the code. Registering and
     unregistering probes with these callback sites is covered in the
     <filename>Documentation/trace/*</filename> directory.
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