```
rapidio. tmpl. txt
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE book PUBLIC "-//OASIS//DTD DocBook XML V4.1.2//EN"</pre>
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        <!ENTITY rapidio SYSTEM "rapidio.xml">
<book id="RapidI0-Guide">
 <bookinfo>
  <title>RapidIO Subsystem Guide</title>
  <authorgroup>
   <author>
    <firstname>Matt</firstname>
    <surname>Porter</surname>
    <affiliation>
     <address>
      <email>mporter@kernel.crashing.org</email>
      <email>mporter@mvista.com</email>
     </address>
    </affiliation>
   </author>
  </authorgroup>
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   </para>
   <para>
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     distribution of Linux.
   </para>
  </legalnotice>
 </bookinfo>
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```
<toc></toc>
  <chapter id="intro">
      <title>Introduction</title>
  <para>
        RapidIO is a high speed switched fabric interconnect with
        features aimed at the embedded market. RapidIO provides
        support for memory-mapped I/O as well as message-based
        transactions over the switched fabric network. RapidIO has
        a standardized discovery mechanism not unlike the PCI bus
        standard that allows simple detection of devices in a
        network.
  </para>
  <para>
        This documentation is provided for developers intending
        to support RapidIO on new architectures, write new drivers,
        or to understand the subsystem internals.
  </para>
  </chapter>
  <chapter id="bugs">
     <title>Known Bugs and Limitations</title>
     <sect1 id="known bugs">
        <title>Bugs</title>
          <para>None. ;)</para>
     \langle /\text{sect1} \rangle
     <sect1 id="Limitations">
        <title>Limitations</title>
          <para>
             <orderedlist>
               stitem><para>Access/management of RapidIO memory regions is not
supported</para></listitem>
               titem><para>Multiple host enumeration is not
supported</para></listitem>
            </orderedlist>
         </para>
     \langle /\text{sect1} \rangle
  </chapter>
  <chapter id="drivers">
        <title>RapidIO driver interface</title>
        ⟨para⟩
                Drivers are provided a set of calls in order
                 to interface with the subsystem to gather info
                 on devices, request/map memory region resources,
                 and manage mailboxes/doorbells.
        </para>
        <sect1 id="Functions">
                 <title>Functions</title>
!Iinclude/linux/rio_drv.h
!Edrivers/rapidio/rio-driver.c
!Edrivers/rapidio/rio.c
        \langle \text{sect1} \rangle
  </chapter>
```

```
rapidio. tmpl. txt
  <chapter id="internals">
     <title>Internals</title>
     <para>
     This chapter contains the autogenerated documentation of the RapidIO
     subsystem.
     </para>
     <sect1 id="Structures"><title>Structures</title>
!Iinclude/linux/rio.h
     \langle sect 1 \rangle
     <sect1 id="Enumeration and Discovery"><title>Enumeration and
Discovery</title>
!Idrivers/rapidio/rio-scan.c
     \langle \text{sect1} \rangle
     <sect1 id="Driver functionality"><title>Driver functionality</title>
!Idrivers/rapidio/rio.c
!Idrivers/rapidio/rio-access.c
     \langle \text{sect1} \rangle
     <sect1 id="Device model support"><title>Device model support</title>
!Idrivers/rapidio/rio-driver.c
     \langle \text{sect1} \rangle
     <sect1 id="Sysfs support"><title>Sysfs support</title>
!Idrivers/rapidio/rio-sysfs.c
     <sect1 id="PPC32 support"><title>PPC32 support</title>
!Earch/powerpc/sysdev/fsl rio.c
!Iarch/powerpc/sysdev/fsl rio.c
     </sect1>
  </chapter>
  <chapter id="credits">
     <title>Credits</title>
        <para>
                 The following people have contributed to the RapidIO
                 subsystem directly or indirectly:
                 <orderedlist>
                          <listitem><para>Matt
Porter\(\)email\(\)mporter\(\)email\(\)/para\(\)/listitem\(\)
                          <listitem><para>Randy
Vinson<email>rvinson@mvista.com</email></para></listitem>
                          titem><para>Dan
Malek<email>dan@embeddedalley.com</email></para></listitem>
                 </orderedlist>
        </para>
        ⟨para⟩
                 The following people have contributed to this document:
```

<orderedlist>

</orderedlist>

</para>

</chapter>

</book>