

mcabook.tmpl.txt

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<book id="MCAGuide">
  <bookinfo>
    <title>MCA Driver Programming Interface</title>

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&lt;chapter id="intro"&gt;

&lt;title&gt;Introduction&lt;/title&gt;

&lt;para&gt;

The MCA bus functions provide a generalised interface to find MCA bus cards, to claim them for a driver, and to read and manipulate POS registers without being aware of the motherboard internals or certain deep magic specific to onboard devices.

&lt;/para&gt;

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The basic interface to the MCA bus devices is the slot. Each slot is numbered and virtual slot numbers are assigned to the internal devices. Using a pci\_dev as other busses do does not really make sense in the MCA context as the MCA bus resources require card specific interpretation.

&lt;/para&gt;

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Finally the MCA bus functions provide a parallel set of DMA functions mimicing the ISA bus DMA functions as closely as possible, although also supporting the additional DMA functionality on the MCA bus controllers.

&lt;/para&gt;

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&lt;chapter id="bugs"&gt;

&lt;title&gt;Known Bugs And Assumptions&lt;/title&gt;

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