

**NAME**

**simplebus** - ePAPR simple-bus driver

**SYNOPSIS**

**options FDT**

**DESCRIPTION**

This bus driver is dedicated for the *simple-bus* node of a flattened device tree compliant with the *ePAPR* specification.

The **simplebus** entity does not represent any physical element by itself, it is rather an umbrella node grouping integrated on-chip peripherals like interrupt controller, connectivity controllers, accelerating engines and so on.

The driver is generic and common for all flattened device tree nodes claiming *simple-bus* compatibility. It iterates over direct descendants of the *simple-bus* node, instantiates newbus children and assigns resources to them, based on the configuration data retrieved from the nodes properties in fdt(4).

Note the **simplebus** does not manage device resources and passes through any requests to the fdtbus(4) layer.

**SEE ALSO**

fdt(4), fdtbus(4), openfirm(4)

**STANDARDS**

Power.org Standard for Embedded Power Architecture Platform Requirements (*ePAPR*).

**HISTORY**

The **simplebus** support first appeared in FreeBSD 9.0.

**AUTHORS**

The **simplebus** support was developed by Semihalf under sponsorship from the FreeBSD Foundation. This manual page was written by Rafal Jaworowski.