

Kernel driver wl-gpio

Author: Ville Syrjala <syrjala@sci.fi>

Description

GPIO 1-wire bus master driver. The driver uses the GPIO API to control the wire and the GPIO pin can be specified using platform data.

Example (mach-at91)

```
#include <linux/wl-gpio.h>

static struct wl_gpio_platform_data foo_wl_gpio_pdata = {
    .pin          = AT91_PIN_PB20,
    .is_open_drain = 1,
};

static struct platform_device foo_wl_device = {
    .name          = "wl-gpio",
    .id            = -1,
    .dev.platform_data = &foo_wl_gpio_pdata,
};

...
at91_set_GPIO_periph(foo_wl_gpio_pdata.pin, 1);
at91_set_multi_drive(foo_wl_gpio_pdata.pin, 1);
platform_device_register(&foo_wl_device);
```