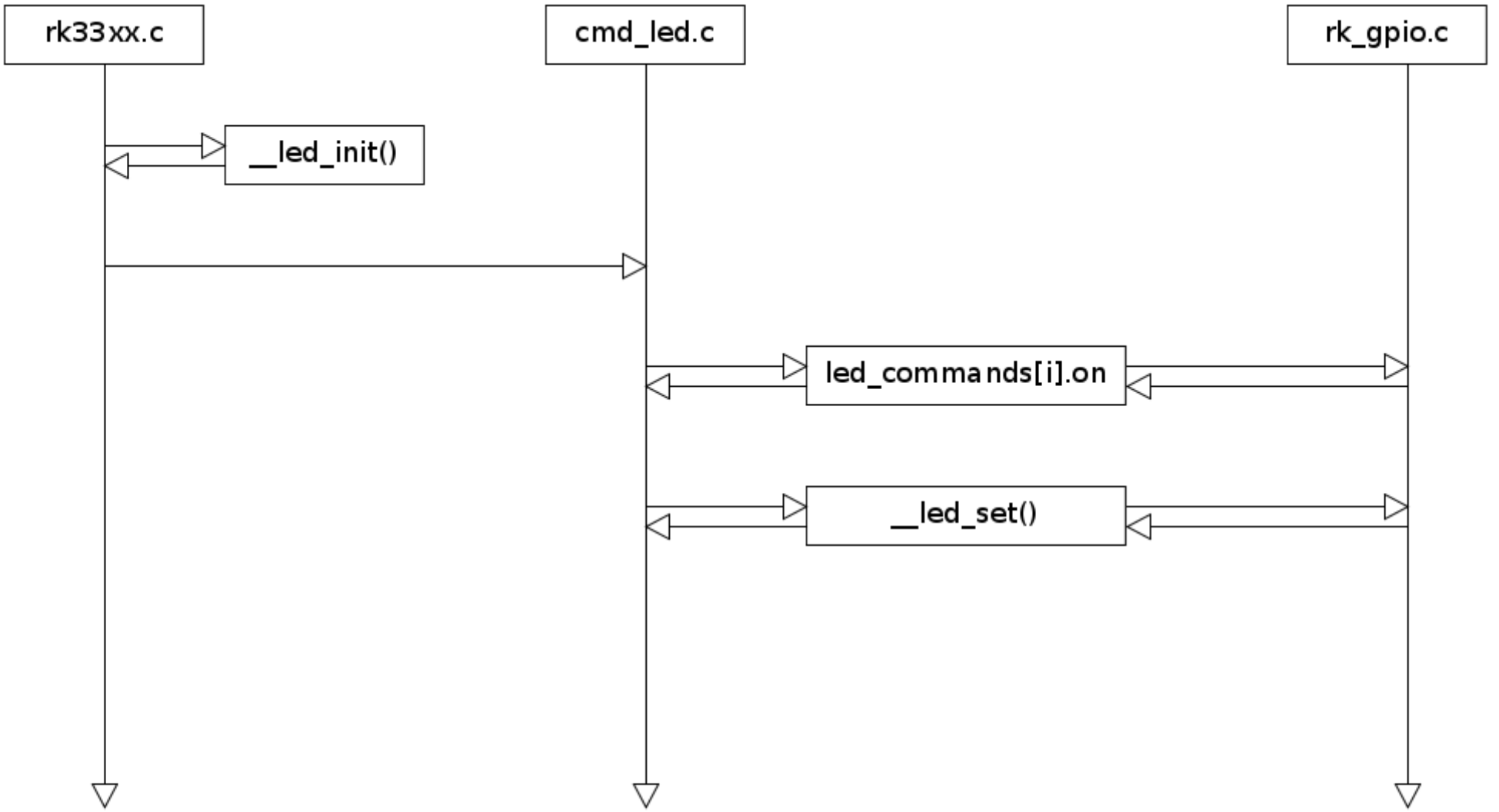
LED Command

- https://github.com/xlloss/rockchip-rk3399-nanopi-m4-uboot.git
- 0001-add-led-cmd-for-rk.patch

LED Command



LED Command

4 include/configs/rk_default_config.h

```
@@ -444,6 +444,10 @@
444 444
445 445   #undef CONFIG_UBOOT_CHARGE
446 446
    447 + #define CONFIG_STATUS_LED
    448 + #define CONFIG_BOARD_SPECIFIC_LED
    449 + #define CONFIG_CMD_LED
    450 +
447 451   #endif /* CONFIG_LCD */
448 452
449 453
```

LED Command

2 board/rockchip/rk33xx/rk33xx.c

```
@@ -509,7 +509,7 @@ int board_late_init(void)
509 509
510 510         setup_serial();
511 511         setup_macaddr();
512     -
    512 +       __led_init(STATUS_LED_BIT, STATUS_LED_ON);
513 513         load_disk_partitions();
514 514
515 515   #ifdef CONFIG_RK_PWM_REMOTE
```

LED Command

```
216 +
217 217   #elif defined(CONFIG_BOARD_SPECIFIC_LED)
218 +  #define GPIO_A0 0
219 +  #define GPIO_B5 13
220 +  #define GPIO_GROUP_0 (0 << 8)
221 +  #define GPIO_GROUP_1 (1 << 8)
222 +
223 +  #define STATUS_LED_BIT (GPIO_GROUP_0 | GPIO_B5)
224 +  #define STATUS_LED_STATE 0
225 +  #define STATUS_LED_PERIOD 0
226 +
218 227   /* led_id_t is unsigned long mask */
219 228   typedef unsigned long led_id_t;
220 229
```

LED Command

common/Makefile

```
obj-$(CONFIG_CMD_IMMAP) += cmd_immap.o
obj-$(CONFIG_CMD_INI) += cmd_ini.o
obj-$(CONFIG_CMD_IRQ) += cmd_irq.o
obj-$(CONFIG_CMD_ITEST) += cmd_itest.o
obj-$(CONFIG_CMD_JFFS2) += cmd_jffs2.o
obj-$(CONFIG_CMD_CRAMFS) += cmd_cramfs.o
obj-$(CONFIG_CMD_LDRINFO) += cmd_ldrinfo.o
obj-$(CONFIG_CMD_LED) += cmd_led.o
obj-$(CONFIG_CMD_LICENSE) += cmd_license.o
ifndef CONFIG_ROCKCHIP
obj-y += cmd_load.o
endif
```

LED Command

common/cmd_led.c

```
/* rk lcd total size = fb size + kernel logo size */
#define CONFIG_RK_LCD_SIZE       SZ_32M
#define CONFIG_RK_FB_SIZE        SZ_16M
#endif

#define CONFIG_BRIGHTNESS_DIM       64

#undef CONFIG_UBOOT_CHARGE

#define CONFIG_STATUS_LED
#define CONFIG_BOARD_SPECIFIC_LED
#define CONFIG_CMD_LED
```

LED Command

include/status_led.h

```
#elif defined(CONFIG_BOARD_SPECIFIC_LED)
#define GPIO_A0 0
#define GPIO_B5 13
#define GPIO_GROUP_0 (0 << 8)
#define GPIO_GROUP_1 (1 << 8)

#define STATUS_LED_BIT (GPIO_GROUP_0 | GPIO_B5)
#define STATUS_LED_STATE 0
#define STATUS_LED_PERIOD 0
```