如下是用typeB 方式的多点触控,执行adb shell getevent -lt /dev/input/event5的结果

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驱动的实现

**初始化:**

tpd->dev = input\_allocate\_device();

tpd->dev->name = TPD\_DEVICE;

**set\_bit(EV\_KEY, tpd->dev->evbit);**

set\_bit(BTN\_TOUCH, tpd->dev->keybit);

**set\_bit(EV\_ABS, tpd->dev->evbit);**

set\_bit(**ABS\_X**, tpd->dev->absbit);

set\_bit(**ABS\_Y**, tpd->dev->absbit);

input\_abs\_set\_res(tpd->dev, **ABS\_X**, TPD\_RES\_X);

input\_abs\_set\_res(tpd->dev, **ABS\_Y**, TPD\_RES\_Y);

input\_set\_abs\_params(tpd->dev, **ABS\_X**, 0, TPD\_RES\_X, 0, 0);

input\_set\_abs\_params(tpd->dev, **ABS\_Y**, 0, TPD\_RES\_Y, 0, 0);

set\_bit(**ABS\_PRESSURE**, tpd->dev->absbit);

input\_set\_abs\_params(tpd->dev, **ABS\_PRESSURE**, 0, 255, 0, 0);

set\_bit(**ABS\_MT\_TOUCH\_MAJOR**, tpd->dev->absbit);

set\_bit(**ABS\_MT\_TOUCH\_MINOR**, tpd->dev->absbit);

input\_set\_abs\_params(tpd->dev, **ABS\_MT\_TOUCH\_MAJOR**, 0, 100, 0, 0);

input\_set\_abs\_params(tpd->dev, **ABS\_MT\_TOUCH\_MINOR**, 0, 100, 0, 0);

set\_bit(**ABS\_MT\_TRACKING\_ID**, tpd->dev->absbit);

input\_set\_abs\_params(tpd->dev, **ABS\_MT\_TRACKING\_ID**, 0, 10, 0, 0);

set\_bit(**ABS\_MT\_POSITION\_X**, tpd->dev->absbit);

set\_bit(**ABS\_MT\_POSITION\_Y**, tpd->dev->absbit);

input\_set\_abs\_params(tpd->dev, **ABS\_MT\_POSITION\_X**, 0, TPD\_RES\_X, 0, 0);

input\_set\_abs\_params(tpd->dev, **ABS\_MT\_POSITION\_Y**, 0, TPD\_RES\_Y, 0, 0);

set\_bit(INPUT\_PROP\_DIRECT, tpd->dev->propbit);

input\_register\_device(tpd->dev)

**调用:**

if (cinfo.count > 0) {

for (i = 0; i < cinfo.count; i++)

tpd\_down(cinfo.x[i], cinfo.y[i], i + 1, cinfo.id[i]);

} else {

tpd\_up(cinfo.x[0], cinfo.y[0]);

}

input\_sync(tpd->dev);

static void tpd\_down(int x, int y, int p, int id)

{

input\_report\_abs(tpd->dev, **ABS\_MT\_TRACKING\_ID**, id);

input\_report\_key(tpd->dev, **BTN\_TOUCH**, 1);

input\_report\_abs(tpd->dev, **ABS\_MT\_TOUCH\_MAJOR**, 1);

input\_report\_abs(tpd->dev, **ABS\_MT\_POSITION\_X**, x);

input\_report\_abs(tpd->dev, **ABS\_MT\_POSITION\_Y**, y);

input\_mt\_sync(tpd->dev);

}

static void tpd\_up(int x, int y)

{

TPD\_DEBUG("%s x:%d y:%d\n", \_\_func\_\_, x, y);

input\_report\_key(tpd->dev, **BTN\_TOUCH**, 0);

input\_mt\_sync(tpd->dev);

}