

unsigned

```
classDiagram
    class unsigned {
    }
    class x_system_volatile_t {
    }
    unsigned <|-- x_system_volatile_t
```

The diagram illustrates an inheritance relationship. At the top is a class box labeled 'unsigned', which is divided into three horizontal compartments. The top compartment contains the text 'unsigned', while the middle and bottom compartments are empty. A vertical line descends from the bottom compartment of the 'unsigned' box. This line terminates in a hollow diamond, which is positioned at the top edge of the 'x\_system\_volatile\_t' box. To the right of the vertical line, between the diamond and the 'unsigned' box, are the labels '+irq\_tick' and '+x\_irq\_mask' stacked vertically. The 'x\_system\_volatile\_t' box at the bottom is also divided into three horizontal compartments. The top compartment contains the text 'x\_system\_volatile\_t', while the middle and bottom compartments are empty. The entire 'x\_system\_volatile\_t' box is filled with a light gray color.

+irq\_tick  
+x\_irq\_mask

x\_system\_volatile\_t