

```
Simple Touch

TextView tv = new TextView(this);
tv.Touch += (object sender, View.TouchEventArgs e) => {
      // NOTE:: e.Event is of type MotionEvent
};

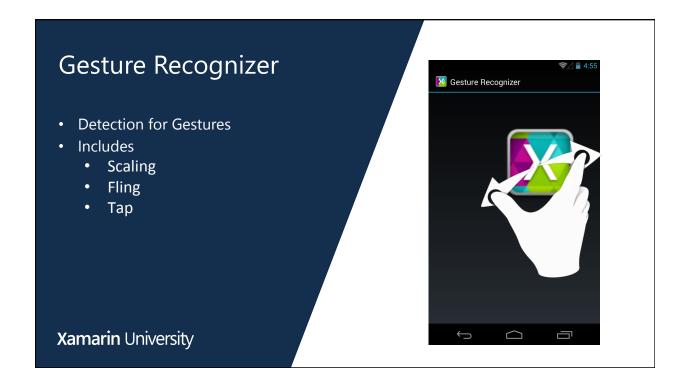
MotionEvent
    Action - Down, Move, Up, etc.
    EventTime, DownTime - Timing information
    GetX(), GetY() - Position information
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```

Simple Touch

More ways to handle basic touch events

- View.SetOnListener(IOnTouchListener)
- Override View.OnTouchEvent()

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Gesture Recognizer

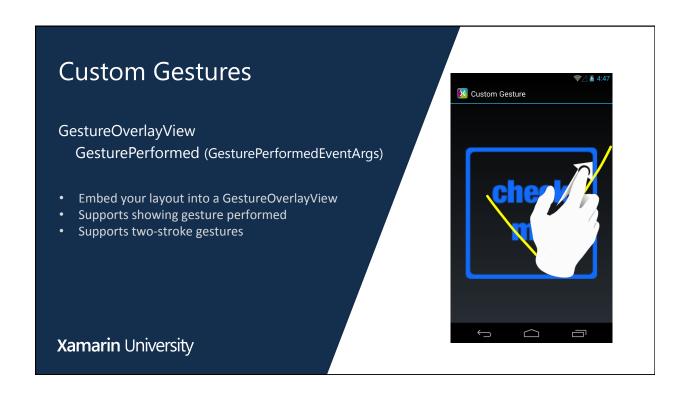
GestureDetector(IOnGestureListener)
IOnGestureListener

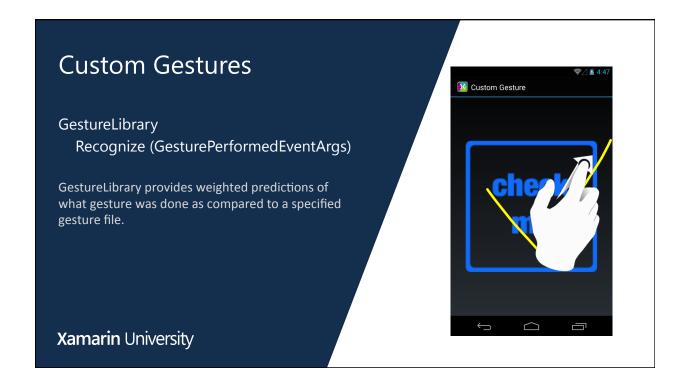
 $OnDown(),\,OnFling(),\,OnLongPress(),\,OnScroll()$

ScaleGestureDetector(SimpleOnScaleGestureListener)
OnScale(ScaleFactor)

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Summary 1. Designing for Touch 2. Simple Touch 3. Gesture Detectors 4. Custom Gestures Questions? Xamarin University