Windows Phone

EAFIT 2012

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AVANET

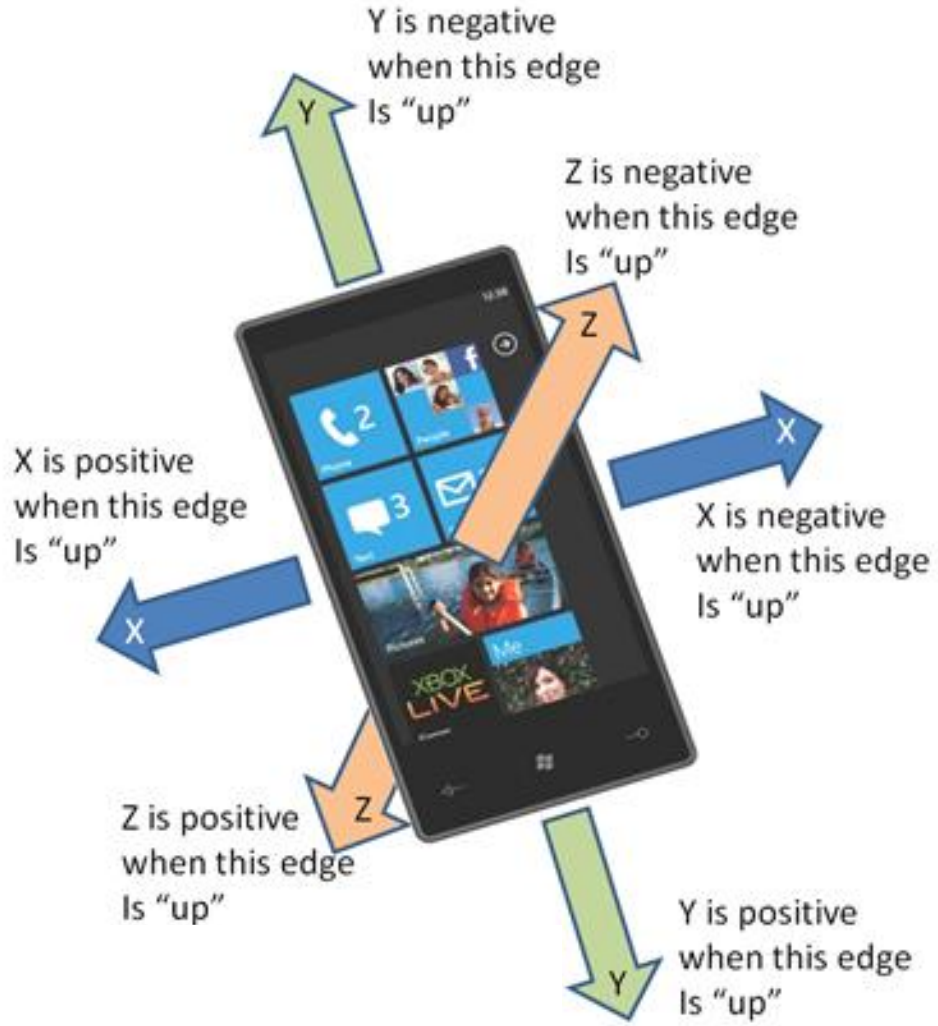
Windows Phone

Sensores y Dispositivos

Compass

```
// Compás
Compass compass = new Compass();
```

Acelerómetro




```
//Acelerómetro
Accelerometer accel = new Accelerometer();
```

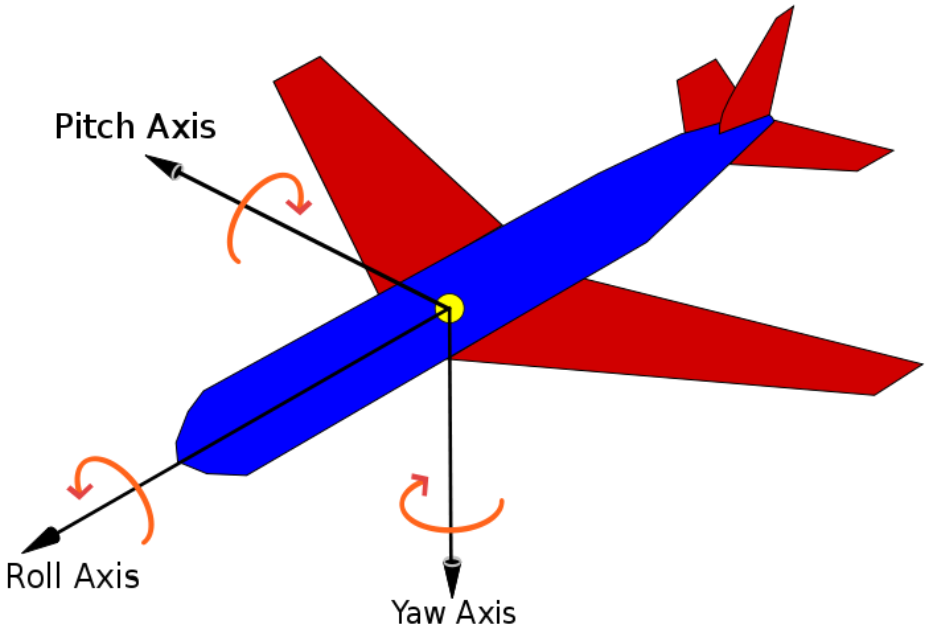
Giroscopio

```
if (Gyroscope.IsSupported)
{
    Gyroscope g = new Gyroscope();
}
```

Clase Motion

Clase Motion

```
private void UpdateUI(MotionReading e)
{
    float yaw = e.Attitude.Yaw;
    float pitch = e.Attitude.Pitch;
    float roll = e.Attitude.Roll;
}
```



Clase Motion

```
float gravityX = e.Gravity.X;
float gravityY = e.Gravity.Y;
float gravityZ = e.Gravity.Z;
```

```
float gyroX = e.DeviceRotationRate.X;
float gyroY = e.DeviceRotationRate.Y;
float gyroZ = e.DeviceRotationRate.Z;
```

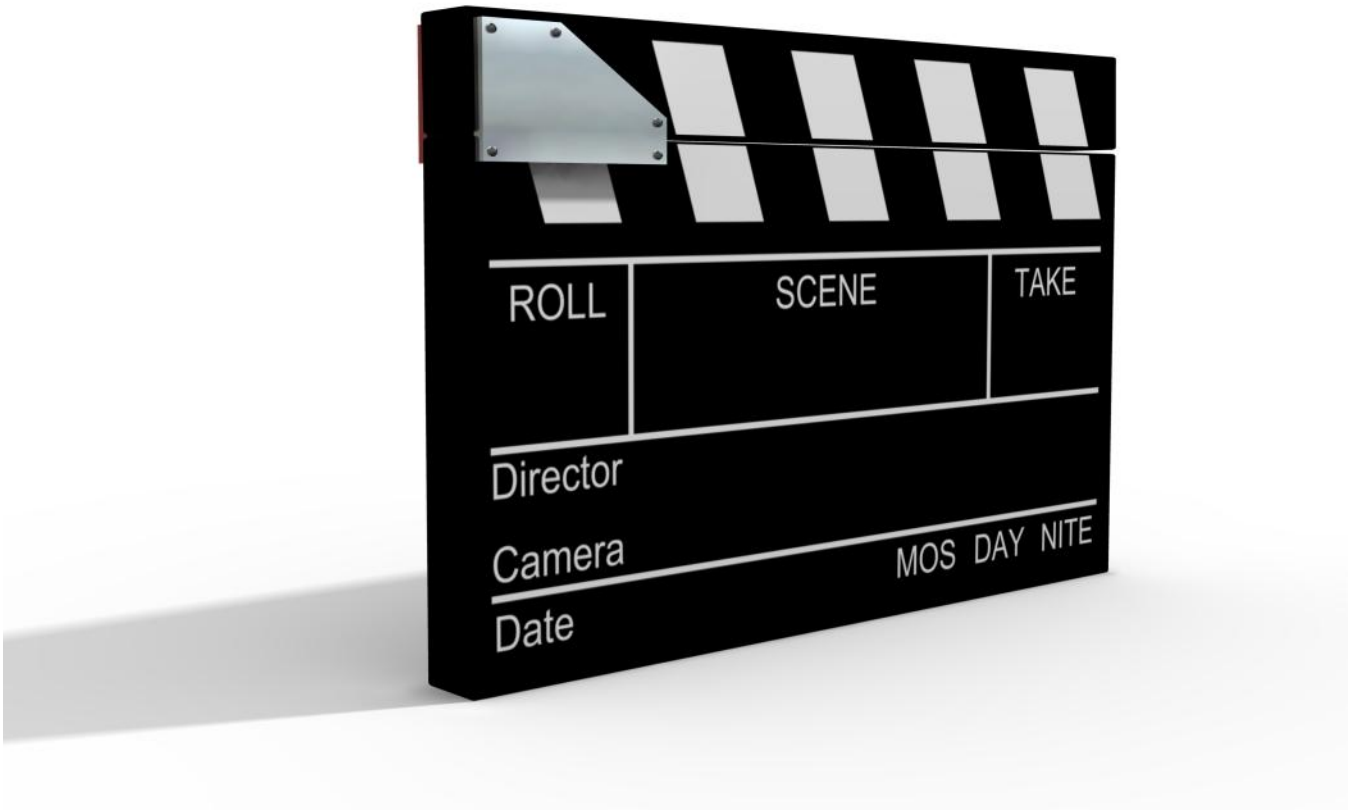
```
float accelX = e.DeviceAcceleration.X;
float accelY = e.DeviceAcceleration.Y;
float accelZ = e.DeviceAcceleration.Z;
```

Cámara

```
// Constructor
public MainPage()
{
    InitializeComponent();

    camera = new CameraCaptureTask();
    camera.Completed += new EventHandler<PhotoResult>(camera_Completed);
}
```

Cámara



Controlar **eventos**

Cámara

Enfocar / Desenfocar

Cámara

Guardar en **Hub** Imagenes

Cámara

Capturar **Video**

Cámara

Controlar el **Flash**

Micrófono

```
// Microphone.Default returns the default
// attached microphone
private Microphone microphone = Microphone.Default;
```

A-GPS

```
GeoCoordinateWatcher watcher = new GeoCoordinateWatcher(GeoPositionAccuracy.High)
```


Mapas
bing
Miss.
Ala.
Ga.
Louisiana
Fla.
The Bahamas
Gulf of Mexico
Havana
Cuba
Mexico City
Kingston
Haiti
Dom. Rep.
Jamaica
Belize
Guatemala
Honduras
Caribbean Sea
Castries
Bridgetown
St. George's
San Salvador
Nicaragua
Managua
Caracas
Port-of-Spain
Costa Rica
Panama City
Panama
Venezuela
Georgetown
Bogota,D.C.
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Guyana
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¿Preguntas?

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