

# Android - Gyroscope

- Application to demonstrate access to gyroscope on Android device
- Main activity implements the interface `android.hardware.SensorEventListener`
- Gyroscope is not supported on all devices
- `SensorManager.getDefaultSensor (Sensor.TYPE_GYROSCOPE)` - retrieves the default Sensor for the gyroscope.
- Whenever there is change in sensor event, `onSensorChanged()` callback is called with the `SensorEvent` object
- `SensorEvent` object contains an array of angular speed along x, y and z axis
- It is good practice to unregister the sensor when not in use using `unregisterListener()`

# References

- [SensorEvent](#)
- [SensorEventListener](#)
- [SensorManager](#)
- [Sensor](#)

# Exercise

- Nothing to do!