Pedometer

💬 Non-Visible component

Category	Requires	Version
Sensors	API 19, Android 4.4 - 4.4.4 KitKat	3

Overview

A Component that acts like a Pedometer. It senses motion via the Accerleromter and attempts to determine if a step has been taken. Using a configurable stride length, it can estimate the distance traveled as well.

Events

Calibration Failed

⚠️ **Deprecated**

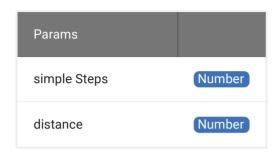deprecated

GPS Available

⚠️ **Deprecated**

deprecated

GPS Lost

⚠️ **Deprecated**

deprecated

Simple Step

This event is run when a raw step is detected

Params	
simple Steps	Number
distance	Number

Started Moving

⚠️ **Deprecated**
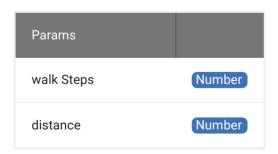
deprecated

Stopped Moving

⚠️ **Deprecated**

deprecated

Walk Step

This event is run when a walking step is detected. A walking step is a step that appears to be involved in forward motion.

Params	
walk Steps	Number
distance	Number

Methods

Pause

⚠️ **Deprecated**

Pause counting of steps and distance.

Reset

Resets the step counter, distance measure and time running.

Resume

⚠️ **Deprecated**

Resumes counting, synonym of Start.

Save

Saves the pedometer state to the phone. Permits permits accumulation of steps and distance between invocations of an App that uses the pedometer. Different Apps will have their own saved state.
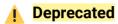
Start

Start counting steps

Stop

Stop counting steps
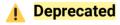
Properties

Calibrate Stride Length

⚠️ **Deprecated**

`Boolean` — `Read` `Write` - **Blocks**

deprecated

Distance

`Number` — `Read` - **Blocks**

The approximate distance traveled in meters.

Elapsed Time

`Number` — `Read` - **Blocks**

Time elapsed in milliseconds since the pedometer was started.

Moving

⚠️ **Deprecated**

`Boolean` — `Read` - **Blocks**

deprecated

Simple Steps

`Number` — `Read` - **Blocks**

The number of simple steps taken since the pedometer has started.

Stop Detection Timeout

`Number` `Default: 2000` — `Read` `Write` - `Designer` `Blocks`
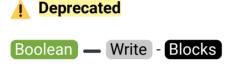
The duration in milliseconds of idleness (no steps detected) after which to go into a "stopped" state

Stride Length

`Number` `Default: 0.73` — `Read` `Write` - `Designer` `Blocks`

Set the average stride length in meters.

Use GPS

⚠️ **Deprecated**

`Boolean` — `Write` - `Blocks`

Walk Steps

`Number` — `Read` - `Blocks`

the number of walk steps taken since the pedometer has started.

Last update: January 26, 2020