

# Soun<sup>3</sup>d run

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## What?

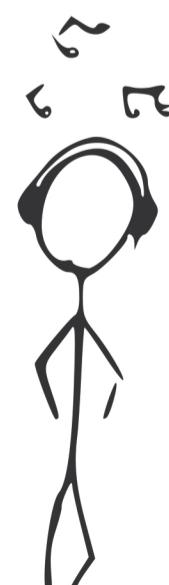
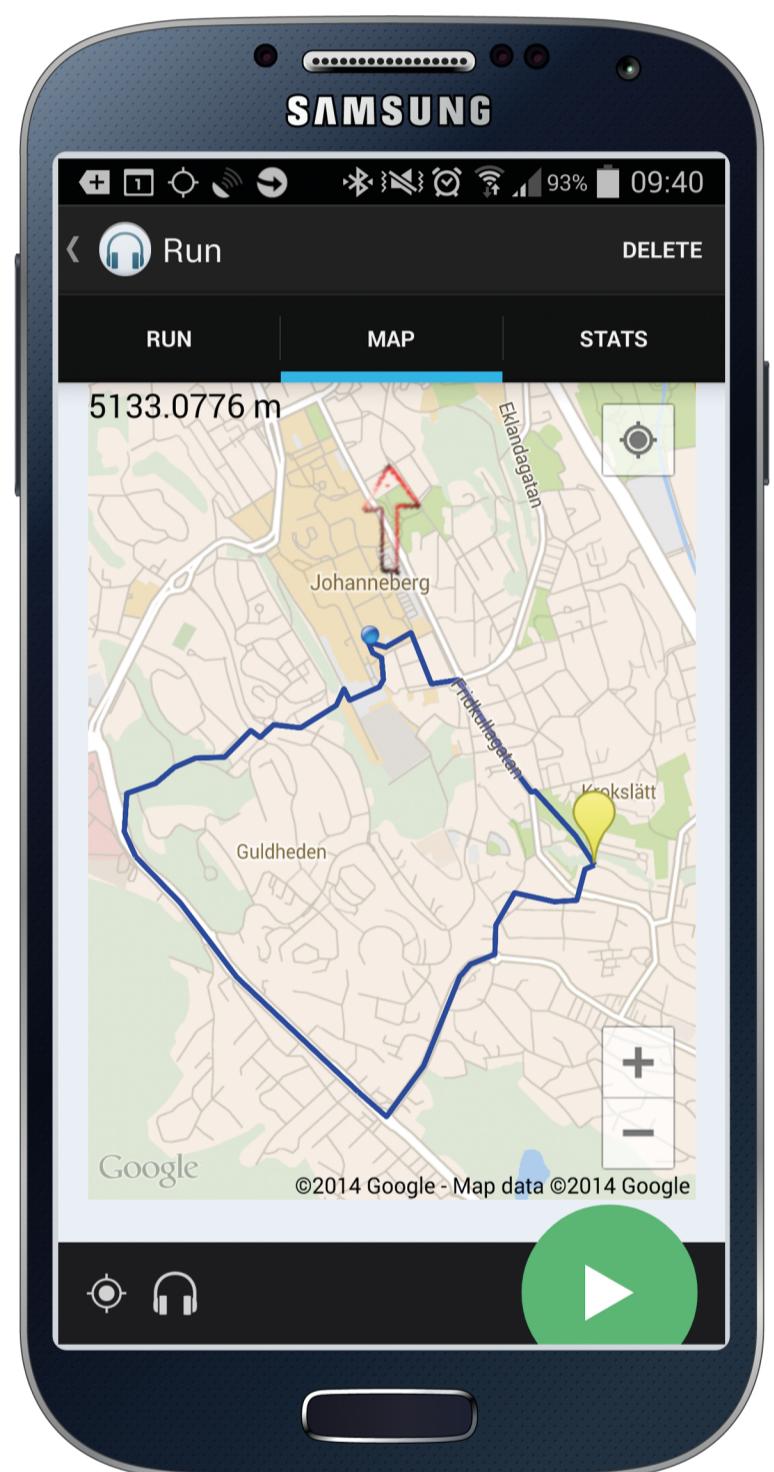
Soun<sup>3</sup>d Run is an exercising application combining GPS and binaural audio technology. Instead of looking on a map displayed on the screen, the user navigates using the sound coming from the headphones.

## Why?

There are various reasons to why people run; some people do it to stay healthy, some do it for the competition. However, a large part of the population seems to struggle finding motivation to run - or to exercise at all for that matter. A way to motivate those people could be to make running more entertaining by adding game-like elements, hence abstracting away from the boring elements.

## How?

Soun<sup>3</sup>d Run generates reachable points from the user's current position. The angle between the user direction and the generated point is then used to panorate sound in the binaural audio field. When you listen to binaural audio through headphones, you perceive a distinct 360° sound.



**Combining binaural audio and GPS technology, Soun<sup>3</sup>d Run makes it possible for the user to locate virtual coins without looking at the screen.**