

# Spying On Runners

## Advanced Security Project

Léo Besson

Paolo Daolio

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The aim of this project is to infer social links between people based on their running records found on a community french website. The first part of this study was to collect the maximum amount of data from the website. The second part was to analyse this data using similarity metrics to find matching profiles. The produced tool is able to quantify the probability of two people knowing each other and for one person, revealing all possible related people. The results of this study still have to be tested by contacting the recorded people and verifying the correctness of the inferred social links.

## 1 Introduction

blablabla

## 2 Scraping

blablabla

## 3 Data Analysis

### 3.1 Similarity Metrics

### 3.2 Analysis Python Module

## 4 Conclusion

blablabla

## References

Cunche, Mathieu, Mohamed Ali Kaafar, and Roksana Boreli. 2012. "I know who you will meet this evening! Linking wireless devices using Wi-Fi probe requests." In *WoWMoM*

- *13th IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks - 2012*. San Francisco, United States. <https://hal.inria.fr/hal-00747825>.