



Pythonic code vs. Performance

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Who am I?

- Senior Python Developer @ STX Next
- Speaker @ PyCon UK, PySS and local meetups
- Optimization enthusiast

Agenda

- Introduction
- Demo!
- Summary
- Q&A

The background features a large teal diagonal bar running from the top-left to the bottom-right. To the right of this bar, there are two grey triangles pointing downwards, one positioned higher than the other.

Introduction

Performance aspects

- CPU time
- Memory
- I/O operations

You can into performance

- Plan
- Measure
- Monitor
- Identify bottlenecks and quick-wins
- Optimize them all! (?)

Profiling tools

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- cProfile
- memory_profiler
- sys
- dis



DEMO!



Summary

Summary

- Predict
- Don't trust presumptions
- Profile everything
- Calculate ROI

Q&A

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lulkol.pl/ep2018-performance



github.com/lukaszkakol/python-performance



goo.gl/gPDTuN