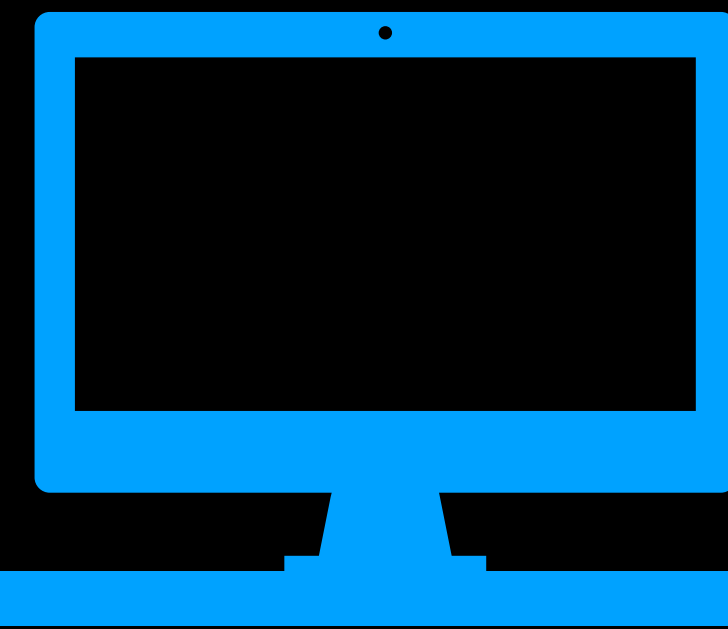


CERN HSSIP PROJECT



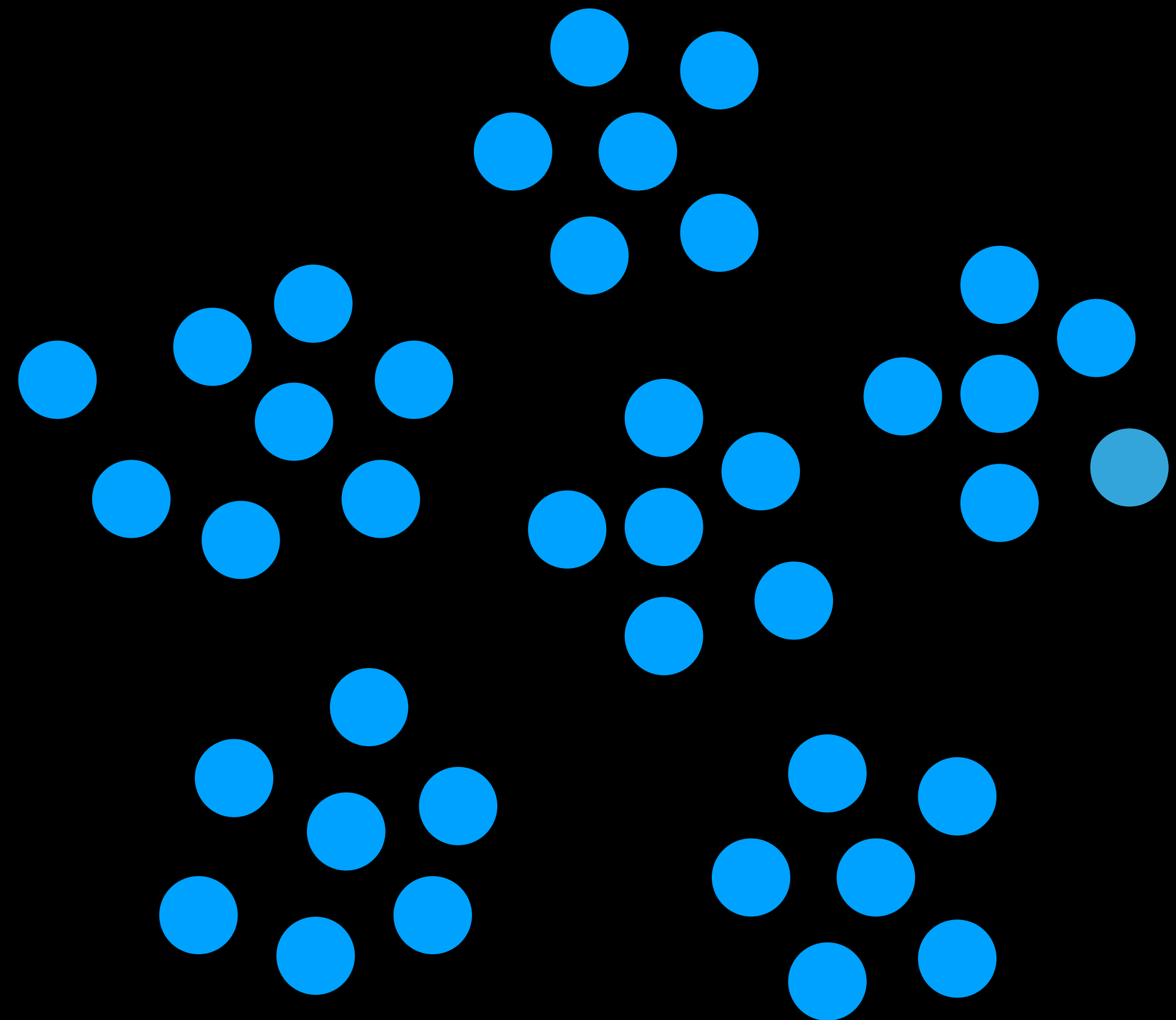
CODE

OPTIMIZATION

# CONTENTS

1. What it does
2. Why optimise
3. Optimisations

# Cell clustering

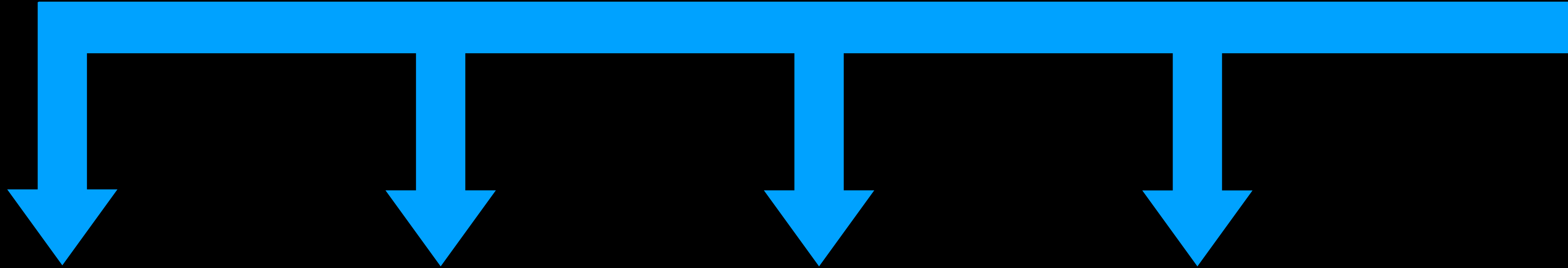
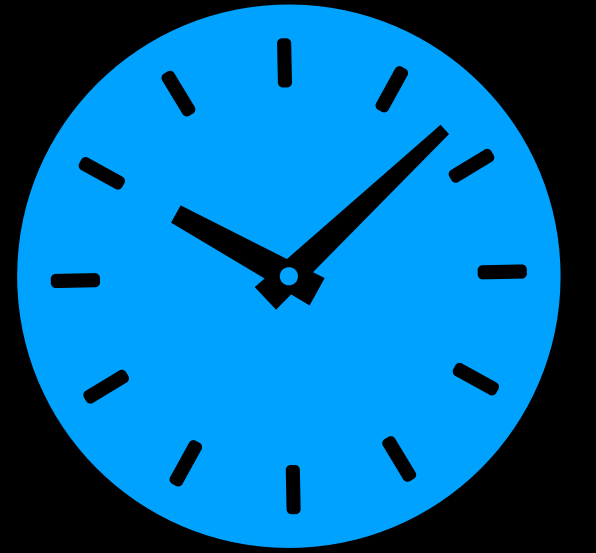




**Why  
optimise  
?**

# New version

SLOW

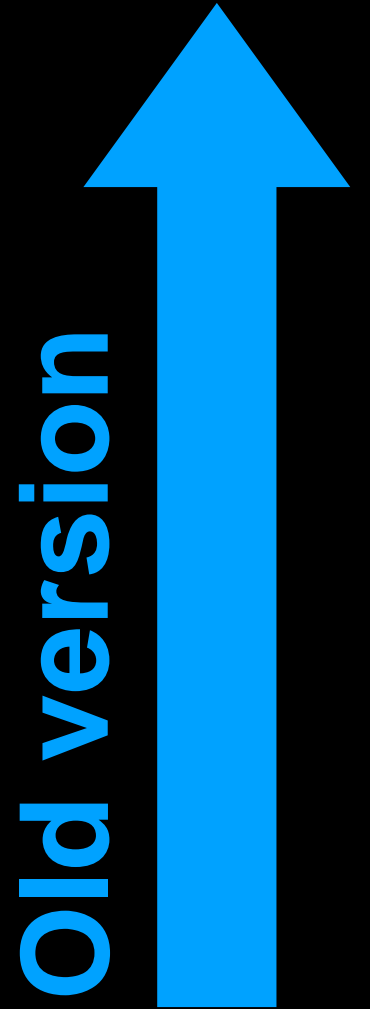


Temporary variables

Modern compiler

CPU Cache

Multithreading



Old version

**Optimisations**

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THE END

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ANY  
QUESTIONS  
?